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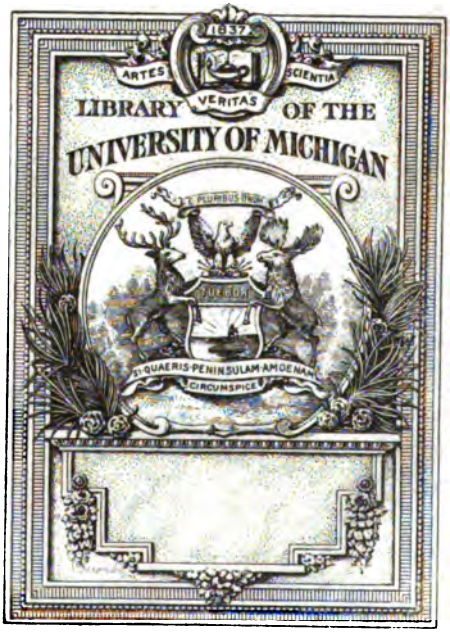
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CATALOGUE

OF

YALE UNIVERSI

1900-1901

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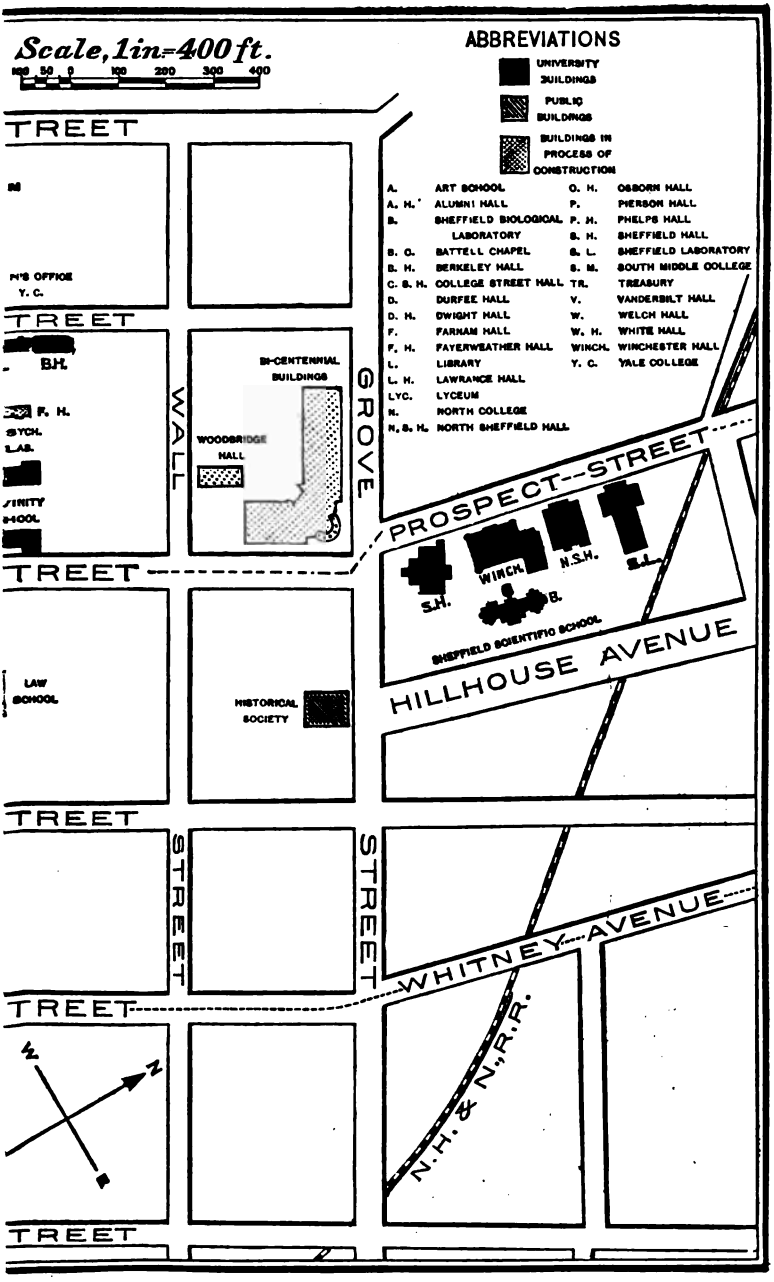

CATALOGUE

OF

YALE UNIVERSITY

1900-1901

NEW HAVEN
THE TUTTLE, MOREHOUSE & TAYLOR CO.
1900

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The PRESIDENT OF THE UNIVERSITY—6 Treasury Building, 8.30 A. M. to 1 P. M. (Students not having a previous appointment are advised to call between 10.15 and 11.15.)

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ABBREVIATIONS are given on page 548.

To find the position, address or elective courses of any officer, consult page references in Directory.

1901

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CALENDAR

1900		
27 Sept.	Thursday	FIRST TERM begins.
1 Oct.	Monday	School of the Fine Arts, term begins.
28 Nov.	Wednesday	THANKSGIVING RECESS begins, 1.20 P. M.
30 Nov.	Friday	RECESS ends, 8 A. M.
19 Dec.	Wednesday	FIRST TERM ends.
		Winter Vacation
1901		
9 Jan.	Wednesday	SECOND TERM begins.
28 March	Thursday	Junior Exhibition.
3 April	Wednesday	SPRING RECESS begins, 1.20 P. M.
11 April	Thursday	RECESS ends, 8 A. M.
1 May	Wednesday	John A. Porter Prize Essays due.
6 May	Monday	Berkeley Scholarship Examination.
6 May	Monday	Bristed Scholarship Examination.
13 May	Monday	Woolsey Scholarship Examination begins.
13 May	Monday	Winthrop Prize Examination begins.
15 May	Wednesday	Anniversary of the Divinity School.
1 June	Saturday	School of the Fine Arts, term ends.
21 June	Friday	DeForest Prize Speaking.
22 June	Saturday	Scientific School Class-Day Exercises.
23 June	Sunday	Baccalaureate Sermon.
24 June	Monday	College Class-Day Exercises.
24 June	Monday	Anniversary of the Law School.
25 June	Tuesday	Anniversary Meeting of the Alumni.
25 June	Tuesday	Anniversary of the Medical School.
26 June	Wednesday	COMMENCEMENT.
27 June	Thursday	Examinations for admission begin.
		Summer Vacation
23 Sept.	Monday	Examinations for admission begin.
26 Sept.	Thursday	FIRST TERM begins.
20 Oct.	Sunday	BICENTENNIAL CELEBRATION begins.
23 Oct.	Wednesday	BICENTENNIAL CELEBRATION ends.
18 Dec.	Wednesday	FIRST TERM ends.

CHRONOLOGICAL TABLE

Meeting of Ministers in Branford, for founding a College	1701
Charter of the Collegiate School of Connecticut	1701
Organization under the Charter	1701
Beginning of instruction at Saybrook	1702
Removal to New Haven	1716
The Collegiate School named Yale College	1718
Revised Charter	1745
Act of the General Assembly of Connecticut by which State Officers became members of the Corporation	1792
Charter of the Medical School	1810
Beginning of instruction in the Medical School	1813
Charter confirmed by new Constitution of the State	1818
Beginning of instruction in the Divinity School	1822
Law School affiliated to the College	1824
Graduate Courses in Philosophy and the Arts organized	1846
Scientific section of the Department of Philosophy and the Arts named the Sheffield Scientific School	1861
School of the Fine Arts established	1866
Act of the General Assembly providing for the election of six members of the Corporation by the Alumni	1871
Act of the General Assembly authorizing the name Yale University	1887
Department of Music established	1894
Forest School established	1900

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ELIZABETH G. KANE, B.A., *Graduate Scholar* 70 Howe st.
FREDERICK B. LUQUIENS, B.A., *Scott Hurtt Fellow in the Academical Department* Paris, France
EUGENE W. LYMAN, B.A., B.D., *Hooker Fellow in the Divinity School* Halle, Germany
FRANK M. MCCLENAHAN, B.A., *Graduate Scholar* 22 Whalley av.
HENRY F. MERRIAM, PH.B., *Sheffield Graduate Scholar* 162 S. L.
SYDNEY K. MITCHELL, B.A., *Douglas Fellow in the Academical Department* 122 Wall st.
ISHIRO MIYAKE, *University Fellow* 120 W. D.
ROKURO NAKASEKO, PH.D., *University Fellow* 20 Whalley av.
HENRY J. NICHOLS, B.A., *Waterman Scholar in the Academical Department* 333 York st.
JOHN P. NORTON, B.A., *Eldridge Fellow in the Academical Department* 563 Orange st.
HENLLY S. OHARA, B.A., *Graduate Scholar* 373 Crown st.
JULIUS OLSEN, B.S., *Graduate Scholar* 159 Elm st.
HERMAN M. OPITZ, B.A., *Clark Scholar in the Academical Department* 22 Whalley av.

VALERIA PELTON, *John Ferguson Weir Scholar in the Art School* — Middletown
CHARLES A. PETERS, B.S., *Graduate Scholar* — Kent Lab'y.
ROBERT W. PETTIT, B.A., *Graduate Scholar* — 120 York st.
OSCAR S. PULMAN, B.A., *Graduate Scholar* — Kent Lab'y.
EDWARD E. RALL, B.A., *Graduate Scholar* — 224 Oak pl.
LEO F. RETTGER, B.A., *Graduate Scholar* — 118 W. D.
JOHN P. RICE, B.A., *Graduate Scholar* — 36 E. D.
ROBERT K. RICHARDSON, M.A., *Clark Scholar in the Academical Department* — 384 Whitney av.
EDWARD C. SCHNEIDER, B.S., *Graduate Scholar* — 24 E. D.
MARTHA H. SHACKFORD, B.A., *Graduate Scholar* — 37 Howe st.
HUBERT G. SHEARIN, M.A., *University Fellow* — 347 Orchard st.
OSCAR E. STAAF, B.A., *Graduate Scholar* — 88 Prospect st.
WILLIAM O. STEVENS, B.A., *Graduate Scholar* — 139 Dwight st.
LYMAN B. STOOKEY, *Graduate Scholar* — 589 P.
HENRY DANIELLS STOWE, PH.B., *Sheffield Graduate Scholar* — 57 Grove st.
ROBERT E. SWAIN, B.A., *Graduate Scholar* — 103 Edgewood av.
MARGARET SWEENEY, B.A., *University Fellow* — 70 Howe st.
WILLIAM J. TAYLOR, M.A., *University Fellow* — 133 Dixwell av.
ELBERT N. S. THOMPSON, B.A., *Graduate Scholar* — 95 Whalley av.
CLIFFORD J. THORN, M.A., *University Fellow* — 318 Orange st.
EDWARD THORSTENBERG, B.A., *Graduate Scholar* — 59 Prospect st.
CHAUNCEY B. TINKER, B.A., *Foote Fellow in the Academical Department* — 36 E. D.
EDSON N. TUCKEY, B.S., *Graduate Scholar* — 16 York sq.
JOHN A. TWACHTMAN, *Winchester Fellow in the Art School* — Paris, France
FRANK PELL UNDERHILL, PH.B., *Sheffield Graduate Scholar* — 57 Prospect st.
ALBERT W. VANBUREN, B.A., *Macy Fellow and Clark Scholar in the Academical Department* — 261 Orange st.
RALPH G. VANNAME, B.A., *Larned Fellow in the Academical Department* — 121 High st.
CHARLES P. WAGNER, B.A., *W. W. DeForest Scholar in the Academical Department* — Paris, France

CURTIS H. WALKER, B.A., *Graduate Scholar*	124 W. D.
J. E. WALLACE WALLIN, M.A., *University Fellow*	10 Baldwin pl.
ARTHUR G. WARD, B.A., *Graduate Scholar*	128 High st.
SIDNEY A. WESTON, B.A., *Larned Fellow in the Academical Department*	333 York st.
GEORGE B. WHITE, PH.B., *Sheffield Graduate Scholar*	120 College st.
RUTH G. WOOD, B.L., *University Fellow*	1193 Chapel st.

PART II

GOVERNMENT OF THE UNIVERSITY

GOVERNMENT OF THE UNIVERSITY

The legal designation of the Corporation is "THE PRESIDENT AND FELLOWS OF YALE COLLEGE IN NEW HAVEN," or "YALE UNIVERSITY"; the powers of this body have been granted and confirmed in the following order.

THE COLLEGIATE SCHOOL OF CONNECTICUT, subsequently named YALE COLLEGE, and now called YALE UNIVERSITY, was founded by the combined action of a few of the ministers in Connecticut, who obtained, in October, 1701, a Charter from the Colony Legislature, which runs as follows:—

AN ACT FOR LIBERTY TO ERECT A COLLEGIATE SCHOOL.

WHEREAS several well disposed, and Publick spirited Persons of their sincere regard to & Zeal for upholding & Propagating of the Christian Protestant Religion by a succession of Learned & Orthodox men have expressed by Petition their earnest desires that full Liberty and Priveledge be granted unto certain Undertakers for the founding, suitably endowing & ordering a Collegiate School within his Maj^tie^s Colony of Connecticot wherin Youth may be instructed in the Arts & Sciences who thorough the blessing of Almighty God may be fitted for Publick employment both in Church & Civil State. To the intent therefore that all due incouragement be Given to such Pious Resolutions and that so necessary & Religious an undertakeing may be sett forward, supported and well managed:—

BE IT ENACTED by the Govern^r & Company of the s^d Colony of Connecticot in General Court now Assembled, And it is enacted & ordained by the Authority of the same that there be & hereby is full Liberty, Right and Priveledge Granted unto the Reverend M^r. James Noyes of Stonnington, M^r. Israel Chauncey of Stratford, M^r. Thomas Buckingham of Saybrook, M^r. Abraham Pierson of Kennelworth, M^r. Samuel Mather of Windsor, M^r. Samuel Andrew of Milford, M^r. Timothy Woodbridge of Hartford, M^r. James Pierpont of New Haven, M^r. Noadiah Russel of Middletown, M^r. Joseph Webb of Fairfield, being Rev^rd Ministers of the Gospel & inhabitants within y^e s^d Colony,

proposed to stand as Trustees, Partners or Undertakers for the s[d] School, to them and their successors, To ERECT, form, direct, order, establish, improve and att all times in all suitable wayes for the future to encourage the s[d] School in such convenient place or Places, & in such form & manner & under such orders & Rules as to them shall seem meet & most conducive to the afores[d] end thereof, so as such Rules or Orders be not repugnant to the Laws of the Civil Goverm[t], as also to employ the moneys or any other estate which shall be Granted by this Court or otherwise Contributed to that use according to their discretion for the benefit of the s[d] Collegiate School from time to time & att all times henceforward.

And be it further ENACTED by the Authority afores[d] that the before named Trustees, Partners or Undertakers together with such others as they shall associate to themselves (not exceeding the number of Eleven, or att any time being less than Seven. Provided also that Persons nominated or associated from time to time to fill up s[d] number be ministers of the gospel inhabiting within this Colony & above the Age of forty years) or the major Part of them, the s[d] M[r]. James Noyes, [etc.] undertakers, & of such Persons so chosen & associated as aboves[d] att any time hereafter, HAVE and shall have henceforward the oversight, full & compleat Right, Liberty, power & Priveledge to furnish, direct, manage, order, improve & encourage from time to time & in all times hereafter the s[d] Collegiate School so Erected & formed by them in such ways, orders & manner & by such Persons, Rector or Master and officers appointed by them, as shall according to their best discretion be most conducible to attaine the afores[d] mentioned end thereof. . . . . .

It is also further Enacted by the Authority afores[d] that the s[d] Undertakers & Partners & their successors be & hereby are further empowered to have, accept, acquire, purchase or otherwise lawfully enter upon Any Lands, Tenements & Hereditam[ts] to the use of the s[d] School, not exceeding the value of five hundred Pounds p[r] Anñ, & any Goods, Chattels, Sum or Sums of money whatsoever as have heretofore already been Granted, bestowed, bequeathed or given, or as from time to time shall be freely given, bequeathed, devised or settled by any Person or Persons whatsoever upon & to & for the use of y[e] s[d] School towards the founding, erecting or endowing the same, & to sue for, Recover & receiv all such Gifts, Legacies, bequests, annuities, Rents, issues & profits arising therefrom & to imploy the same accordingly, & out of y[e] estate, Revenues, Rents, profits, incoms accrueing & belonging to s[d] School to support & pay as the s[d] Undertakers shall agree & see cause, the s[d] Rector or Master, Tutors, Ushers or other officers their Respective annual Salaries or Allowances. As also for the encouragem[t] of the Students to grant degrees or Licences as they or those deputed by them shall see cause to order & appoint.

Under this Charter the Collegiate School was begun in November, 1701, at Saybrook, where it continued until its removal to New Haven, in October, 1716. In September, 1718, the name of YALE COLLEGE was given by the Trustees to the School, in honor of the benefactions of ELIHU YALE, of London, lately Governor of the East India Company's settlement at Madras.

In 1723 an "ACT IN EXPLANATION OF AND ADDITION TO THE ACT FOR ERECTING A COLLEGIATE SCHOOL" was passed by the General Assembly, with the following provisions :—

WHEREAS Pursuant to the Powers and Priviledges granted to Certain Trustees for Erecting a Collegiate School in this Colony Entituled an Act for a Collegiate School, the Said Trustees have Erected the said School in the Town of New-Haven which School is now known by the Name of Yale Colledge; And Whereas it appears to this Assembly that an Explanation and Enlargement of the powers and priviledges granted by Said Act is Necessary for the Carrying on the Affairs of the Said Colledge, for want of which it has Laboured under great difficulties very much to the prevention of that Order and good Education which is to be desired there:

Bee it therefore Enacted by the Governour, Council and Representatives in Generall Court assembled and by the Authority of the Same that the Said Act which provides that the Number of the Said Trustees be not under Seven nor above Eleven is not to be Understood or Taken so as to be restrictive of the power of the Said Trustees Never to Choose any person to be a Trustee, when there is of Such persons as have been Chosen and Acted as Trustees Eleven persons Living in the Colony or Elsewhere, but that in Case any person so Chosen be by Providence Incapacitated from attending that Service or shall himself decline the Same thro' the Necessity of his own Affairs or for any other such Reason as he shall Judge requisite, the Trustees in any of their Meetings Lawfully Called may be Understood to have and it is hereby Enacted and declared that they shall be Taken to have full power by the Majority of Such Meeting to proceed to the Choice of Another Trustee in the Room of any such person. And it is hereby further declared and Enacted to be the True Intent and Meaning of the Act afores[d] that the said Trustees shall be Impowered and they are hereby declared to have power to Meet Together for Considering, Advising about and Resolving upon all Matters belonging to the Trust of the Said Colledge committed unto them as afores[d] and to Agree and Conclude, Order and determine Concerning them by the Majority of the

Said Meeting, and by the same Majority to Choose and Appoint a Clerk who shall, in a fair book prepared for that End, Register and Carefully preserve the Acts of all such Meetings.

And WHEREAS it has been doubted what Number of the Said Trustees may be Lookt upon as a Sufficient or full Meeting, Inasmuch as there is not in the afores[d] Act any Express mention made of any Meeting of the said Trustees; It is therefore to prevent all Scruple of that kind for the future hereby provided and declared that due Notice being given to the Trustees by Consent of any three of them of a Meeting of the Trustees desired at any Time or place, and Seven or more of the Trustees present at such Time and place shall be Esteemed a full Meeting. And it is hereby declared and Enacted that in all such Meetings, so Called, or Otherwise as the said Trustees in any such Meeting shall agree, all affairs under the Care of the said Trustees shall be determined by the majority of such meeting.

And WHEREAS it has been found Inconvenient that in the Election of Persons to be Trustees, the Trustees Election by the afores[d] Act should by Limitted and restrained so as that the Person who shall be Chosen must Necessarily be fourty Years of age; It is hereby declared and Enacted that for the future the said Trustees in any Election of a person into that Trust shall not be Esteemed or held Obliged by said Act to Choose such a person as shall be above fourty Years of Age, but may Choose such a person otherwise Qualifyed According to said Act, Provided he is thirty Years of Age. And it is further hereby Allowed, Enacted, Granted and Provided that whosoever shall be Chosen and made a Rector of the said Colledge shall by Virtue thereof become a Trustee of the same and be so Esteemed and Taken during his Continuance in the said Rectorship.

In 1745 a thoroughly revised Charter was granted by the Assembly; the provisions of permanent interest are as follows:—

An ACT *for the more full and complete Establishment of* YALE COLLEGE *in* NEW HAVEN, *and for enlarging the Powers and Privileges thereof.*

WHEREAS upon the Petition of several well-disposed and public-spirited Persons expressing their desire that full Liberty and Privilege might be granted unto Certain Undertakers for the founding, suitably endowing and ordering a *Collegiate School*, within this Colony, wherein Youth might be instructed in the Arts and Sciences, the Governor and Company of the said Colony in General Court assembled at *New Haven*, on the Ninth Day of October, in the Year of our Lord 1701, Granted unto the Rev'd Messrs. *James Noyes* [etc.], who were

proposed to stand as Trustees, Partners, or Undertakers for the Society, and to their Successors, full Liberty, Right and Privilege to erect, form, direct, order, establish, improve, and at all Times in all suitable Ways to encourage the said School in some convenient Place in this Colony, and granted sundry Powers and Privileges for the attaining the End aforesaid;

And Whereas the said Trustees, Partners or Undertakers in pursuance of the aforesaid Grant, Liberty and License, founded a *Collegiate School* at *New Haven*, known by the Name of YALE COLLEGE, which has received the favorable Benefactions of many Liberal and piously disposed Persons, and under the Blessing of Almighty God has trained up many worthy Persons for the Service of God in the State as well as in the Church;

And Whereas the General Court of this Colony assembled at *New Haven*, the Tenth day of October, in the Year of our Lord 1723, did explain and enlarge the aforesaid Powers and Privileges granted to the aforesaid Partners, Trustees or Undertakers and their Successors, for the Purpose aforesaid; as by the respective Acts, reference thereto being had, more fully and at large may appear;

And Whereas the Rev'd Messrs. *Thomas Clap*, *Samuel Whitman*, *Jared Eliot*, *Ebenezer Williams*, *Jonathan Marsh*, *Samuel Cooke*, *Samuel Whittelsey*, *Joseph Noyes*, *Anthony Stoddard*, *Benjamin Lord*, and *Daniel Wadsworth*, the present Trustees, Partners and Undertakers of the said School, and Successors of those beforementioned, have petitioned, that the said School, with all the Rights, Powers, Privileges and Interests thereof, may be confirmed, and that such other additional Powers and Privileges may be granted as shall be necessary for the Ordering and Managing the said School, in the most advantageous and beneficial Manner for the promoting all good Literature in the present and succeeding Generations: Therefore,

THE GOVERNOR and COMPANY of his Majesty's said English Colony of *Connecticut* in General Court assembled, this Ninth Day of *May*, in the Year of our Lord 1745, enact, ordain, and declare, and by these Presents it is enacted, ordained, and declared—

That the said *Thomas Clap* [etc.], shall be an *Incorporate Society* or *Body Corporate and Politic*, and shall hereafter be called and known by the name of THE PRESIDENT AND FELLOWS OF YALE COLLEGE IN NEW HAVEN, and that by the same Name they and their Successors shall and may have perpetual Succession, and shall and may be Persons in the Law capable to plead and be impleaded, defend and be defended, and answer and be answered unto; and also to have, take, possess, acquire, purchase, or otherwise receive Lands, Tenements, Hereditaments, Goods, Chattels, or other Estates, and the same Lands, Tenements, Hereditaments, Goods, Chattels, or other Estates to grant, demise, lease,

use, manage or improve for the Good and benefit of the said *College* according to the Tenor of the Donation, and their Discretion.

That all Gifts, Grants, Bequests, and Donations of Lands, Tenements, or Hereditaments, of Goods and Chattels heretofore made to or for the Use, Benefit and Advantage of the *Collegiate School* aforesaid, whether the same be expressed to be made to the President or Rector, and to the rest of the Incorporate Society of *Yale College*, or to the Trustees or Undertakers of the *Collegiate School* in *New Haven*, or to the Trustees by any other Name, Style or Title whatsoever, whereby it may be clearly known and understood that the true Intent and Design of such Gifts, Grants, Bequests and Donations, was to or for the Use, Benefit and Advantage of the Collegiate School aforesaid, and to be under the Care and Disposal of the Governors thereof, shall be confirmed, and the same hereby are confirmed, and shall be and remain to, and be vested in the President and Fellows of the *College* aforesaid, and their Successors, as to the true and lawful Successors of the original Grantees.

That the said PRESIDENT AND FELLOWS and their Successors shall and may hereafter have a common Seal, to serve and use for all Causes, Matters and Affairs of them and their Successors, and the same Seal to alter, break, and make new as they shall think fit.

That the said THOMAS CLAP shall be, and he is hereby established the present PRESIDENT, and the said *Samuel Whitman* [etc.] shall be, and they are hereby established the present FELLOWS of the said College, and that they and their Successors shall continue in their respective Places during Life, or until they or either of them shall resign, or be removed, or displaced, as in this Act is hereafter expressed.

That there shall be a General Meeting of the *President and Fellows* of said *College*, in the College Library on the second Wednesday of September annually, or at any other Time and Place which they shall see Cause to appoint, to consult, advise and act in and about the Affairs and Business of the said College; and that on any special Emergency, the President and two of the Fellows, or any four of the Fellows, may appoint a Meeting of the said College, provided they give Notice thereof to the Rest by Letters sent and Left with them, or at the Places of their respective Abode, five Days before such Meeting; and that the President and six Fellows, or in Case of the Death, Absence, or Incapacity of the President, seven Fellows, convened as aforesaid (in which Case the eldest Fellow shall preside), shall be deemed a Meeting of the President and Fellows of said College, and that in all the said Meetings, the Major Vote of the Members present shall be deemed the Act of the Whole, and where an Equivote happens, the President shall have a casting Vote.

That the President and Fellows of the said College and their Successors, in any of their Meetings assembled as aforesaid, shall and may

from Time to Time, as Occasion shall require, elect and appoint a President or Fellow in the Room and Place of any President or Fellow who shall die, resign, or be removed from his office, Place or Trust (whom the said Governor and Company hereby declare, for any Misdemeanor, Unfaithfulness, Default or Incapacity, shall be removable by the President and Fellows of the said College; Six of them, at least, concurring in such Act); and shall have Power to appoint a Scribe or Register, a Treasurer, Tutors, Professors, Steward, and all such other Officers and Servants, usually appointed in Colleges or Universities, as they shall find necessary and think fit to appoint for the promoting good Literature, and the well ordering and managing the Affairs of said College; and them or any of them, at their Discretion, to remove; and to prescribe and administer such Forms of Oaths (not being contrary to the Laws of England or of this Colony) as they shall think proper, to be administered to all the Officers and Instructors of the said College, or to such and so many of them as they shall think proper, for the faithful Execution of their respective Places, Offices and Trusts.

That the President and Fellows shall have the Government, Care and Management of the said College and all the Matters and Affairs thereunto belonging, and shall have Power from Time to Time, as Occasion shall require, to make, ordain and establish all such wholesome and reasonable Laws, Rules and Ordinances, not repugnant to the Laws of England, nor the Laws of this Colony, as they shall think fit and proper for the Instruction and Education of the Students, and Ordering, Governing, Ruling and Managing the said College, and all Matters, Affairs, and Things thereunto belonging, and the same to Repeal and alter as they shall think fit; which shall be laid before this Assembly as often as required, and may also be repealed or disallowed by this Assembly when they shall think proper.

That the President of said College, with the Consent of the Fellows, shall have Power to give and confer all such Honors, Degrees or Licenses as are usually given in Colleges or Universities, upon such as they shall think worthy thereof.

In 1792 a grant of money from the State of Connecticut was received, upon the condition that certain State officials should become members of the Board of Fellows, as below expressed:—

In case this grant shall be accepted, in manner as hereinafter provided, the Governor, Lieutenant Governor, and six senior assistants in the Council* of this State, for the time being, shall ever hereafter, by

* Changed in 1819 to the six senior senators.

virtue of their said offices, be trustees or fellows of said College ; and shall together with the present President and Fellows of said College, and their successors, constitute one corporation, by the name and style mentioned in the charter of said College ; and shall have and enjoy the same powers, privileges, and authority, in as full and ample a manner, as though they had been expressly named and included in said charter ; And that in case of vacancy, by the death, or resignation, or in any other way, of any of the present Fellows of said College, and their successors, every such vacancy shall forever hereafter be supplied by them, and their successors, by election, in the same manner as though this act had never passed.

In the State Constitution, adopted in 1818, the privileges conferred by the Charter were reaffirmed, as follows :—

ARTICLE VIII, SECT. I.

The charter of Yale College, as modified by agreement with the Corporation thereof, in pursuance of an Act of the General Assembly, passed in May, 1792, is hereby confirmed.

In 1872, at the request of the Corporation, an Act was passed by the General Assembly, providing (as follows) for the substitution of graduates in the place of the six senators among the Fellows :—

SECTION 1.—All graduates of the first degree, of five or more years' standing, in any of the departments of Yale College, and all persons who have been admitted to any degree higher than the first in Yale College, whether honorary or in course, may, on the day next preceding the public commencement day of said College, in the year of our Lord 1872, cast their votes, under such regulations as the President and Fellows may prescribe, for six persons to be chosen from among such graduates ; and the six persons who shall be found to be elected by a plurality of the votes cast, shall be the Fellows of Yale College in the stead of the six senior senators of the State, and shall have all the rights, duties, and privileges as Fellows which are now by law conferred upon said senators. In case of an equality of votes between two or more candidates, the person who shall hold the said office of Fellow shall be designated by lot from among the persons receiving such equality of votes.

SECTION 2.—The Fellows thus elected shall enroll themselves by lot in six classes, one holding the office for six years, another for five years, another for four years, another for three years, another for two years, and

another for one year, eligible for re-election; and every year as a vacancy occurs, all graduates of the first degree, of five or more years' standing, in any of the departments of Yale College, and all persons who have been admitted to any degree higher than the first in Yale College, whether honorary or in course, may, upon the day next preceding commencement day, in the manner heretofore prescribed, elect by a plurality of votes a person to fill the vacancy, and hold the office of Fellow for a period of six years, eligible for re-election; and so whenever a vacancy shall occur from death, resignation, or any other cause, such graduates may elect a person at the next commencement to fill the office of Fellow for the remainder of the term in which a vacancy has occurred. The official year of such Fellows shall end with the day next preceding each commencement day.

In March, 1887, an Act passed the General Assembly of the State, authorizing the use of the title "YALE UNIVERSITY" by the President and Fellows of Yale College, and providing that gifts to, contracts with, conveyances to or by, and other acts affecting said Corporation by either of the names specified shall be valid.

The Board of Trustees of the Sheffield Scientific School, incorporated under the statute laws of the State of Connecticut in 1871, and confirmed by Act of the General Assembly in 1882, has certain important relations with the University, as shown by the 3d section of the Act of Incorporation:—

"Section 3. The property and affairs of said corporation shall be managed and conducted by a board of nine directors, of whom, by virtue of their respective official positions, there shall be three, consisting of the Governor of the State of Connecticut, the President of Yale College, and the chairman of the trustees of the Peabody Museum of Natural History of Yale College, and whenever a vacancy shall arise among the other six directors, a successor shall be chosen by all the remaining members of said board; but at least three of said directors, not including the *ex-officio* trustees, shall at all times be persons, who are, or who have been, professors in said Sheffield Scientific School, and the other elected directors shall be persons especially interested in promoting the welfare of the Sheffield Scientific School, and shall be chosen without regard to their residence or non-residence in the State of Connecticut, and without regard to their ecclesiastical preferences."

The courses of study offered in the University are comprehended in four Departments, under the control of the Corporation, each Department being also under the administration of a distinct Faculty of instruction. The Departments are as follows :—

THE DEPARTMENT OF PHILOSOPHY AND THE ARTS;

THE DEPARTMENT OF THEOLOGY;

THE DEPARTMENT OF MEDICINE;

THE DEPARTMENT OF LAW.

Under the first-named Department are included two separately organized sections in which instruction for undergraduates is provided, viz :—

THE ACADEMICAL DEPARTMENT, and

THE SHEFFIELD SCIENTIFIC SCHOOL;

also, THE SCHOOL OF THE FINE ARTS, the DEPARTMENT OF MUSIC and the FOREST SCHOOL, each with a special organization; and THE GRADUATE SCHOOL, under the combined Faculty of the Department.

It is to be understood that the courses of study above described are open to men only, except when both sexes are specifically included.

The LIBRARY, the PEABODY MUSEUM OF NATURAL HISTORY, and the OBSERVATORY are severally organized independently of the special Departments, and are designed to contribute, in their appropriate spheres, to the instruction and advancement of the whole institution.

PART III

DEPARTMENTS OF INSTRUCTION

ACADEMICAL DEPARTMENT
(YALE COLLEGE)

FACULTY

ARTHUR TWINING HADLEY, LL.D., PRESIDENT

HENRY PARKS WRIGHT, PH.D., LL.D., *Dean of the College Faculty, and Dunham Professor of the Latin Language and Literature*

ARTHUR MARTIN WHEELER, LL.D., *Durfee Professor of History*

JOSIAH WILLARD GIBBS, PH.D., LL.D., *Professor of Mathematical Physics*

ARTHUR WILLIAMS WRIGHT, PH.D., *Professor of Experimental Physics*

EUGENE LAMB RICHARDS, M.A., *Professor of Mathematics, and Director of the Gymnasium*

TRACY PECK, M.A., *Professor of the Latin Language and Literature*

Rev. CORNELIUS LADD KITCHEL, M.A., *In charge of Bureau of Self Help*

WILLIAM GRAHAM SUMNER, LL.D., *Pelatiah Perit Professor of Political and Social Science*

Rev. GEORGE TRUMBULL LADD, D.D., LL.D., *Clark Professor of Moral Philosophy and Metaphysics*

CHARLES HENRY SMITH, LL.D., *Larned Professor of American History*

HENRY SHALER WILLIAMS, PH.D., *Silliman Professor of Geology*

HENRY AUGUSTIN BEERS, M.A., *Professor of English Literature*

BERNADOTTE PERRIN, PH.D., LL.D., *Professor of the Greek Language and Literature*

EDWARD SALISBURY DANA, PH.D., *Professor of Physics, and Curator of the Mineralogical Collection*

THOMAS DAY SEYMOUR, LL.D., *Hillhouse Professor of the Greek Language and Literature*

FRANK AUSTIN GOOCH, PH.D., *Professor of Chemistry*

ALBERT STANBURROUGH COOK, PH.D., L.H.D., *Professor of the English Language and Literature*

WILLIAM BEEBE, M.A., *Professor of Mathematics, and Instructor in Astronomy*

ANDREW WHEELER PHILLIPS, PH.D., *Professor of Mathematics, and Dean of the Graduate School*

GEORGE BURTON ADAMS, PH.D., *Professor of History*

EDWARD PARMELEE MORRIS, M.A., *Professor of the Latin Language and Literature*

HENRY ROSEMANN LANG, PH.D., *Professor of Romance Philology*

ROBERT LOUIS SANDERSON, *Instructor in French*

THOMAS DWIGHT GOODELL, PH.D., *Professor of the Greek Language and Literature*

ARTHUR HUBBELL PALMER, M.A., *Professor of the German Language and Literature*

FREDERICK WELLS WILLIAMS, B.A., *Assistant Professor of Modern Oriental History*

HORATIO MCLEOD REYNOLDS, M.A., *Talcott Professor of the Greek Language and Literature*

FREDERICK MORRIS WARREN, PH.D., *Street Professor of Modern Languages (Elect)*

GEORGE MARTIN DUNCAN, M.A., *Professor of Philosophy*

E. HERSHEY SNEATH, PH.D., *Professor of Philosophy*

FRANK KNIGHT SANDERS, PH.D., D.D., *Woolsey Professor of Biblical Literature*

GUSTAV ALBERT ANDREEN, PH.D., *Instructor in Scandinavian Languages*

EDWARD GAYLORD BOURNE, PH.D., *Professor of History*

GUSTAV GRUENER, PH.D., *Professor of German*

EDWARD WHEELER SCRIPTURE, PH.D., *Director of the Psychological Laboratory*

CHARLES CUTLER TORREY, PH.D., *Professor of the Semitic Languages*

JOHN CHRISTOPHER SCHWAB, PH.D., *Professor of Political Economy*

CHARLTON MINER LEWIS, PH.D., *Emily Sanford Professor of English Literature*

THOMAS CALHOUN STEARNS, PH.D., *Instructor in Ancient Philosophy*

WILLIAM LYON PHELPS, PH.D., *Assistant Professor of English Literature*

IRVING FISHER, PH.D., *Professor of Political Economy*

JAMES PIERPONT, PH.D., *Professor of Mathematics*

HANNS OERTEL, PH.D., *Professor of Linguistics and Comparative Philology*

CHARLES SEARS BALDWIN, PH.D., *Assistant Professor of Rhetoric*
PHILIP EMBURY BROWNING, PH.D., *Assistant Professor of Chemistry*
OLIVER HUNTINGTON RICHARDSON, PH.D., *Assistant Professor of History*
MAURICE HENRY ROBINSON, M.A., *Instructor in Political Economy*
CECIL KITTREDGE BANCROFT, B.A., *Tutor in Latin*
KENNETH MCKENZIE, PH.D., *Instructor in French*
JAMES W. D. INGERSOLL, PH.D., *Assistant Professor of Latin*
DAVID ALBERT KREIDER, PH.D., *Instructor in Physics*
CLIVE DAY, PH.D., *Instructor in History*
HENRY CROSBY EMERY, PH.D., *Professor of Political Economy*
MILTON BROCKETT PORTER, PH.D., *Instructor in Mathematics*
ALFRED KINDRED MERRITT, B.A., *Registrar of the College Faculty*
THEODORE WOOLSEY HEERMANCE, PH.D., *Instructor in Greek Archæology*
RICHARD HOLBROOK, B.A., *Tutor in the Romance Languages*
EDWARD BLISS REED, PH.D., *Instructor in English*
GERVASE GREEN, PH.D., *Instructor in Philosophy*
WILLIAM BACON BAILEY, PH.D., *Instructor in Statistics*
CHARLES GROSVENOR OSGOOD, JR., PH.D., *Tutor in English*
GEORGE DWIGHT KELLOGG, PH.D., *Tutor in Latin*
HOLLON AUGUSTINE FARR, B.A., *Tutor in German*
CHAUNCEY WETMORE WELLS, B.A., *Instructor in Rhetoric*
HERBERT EDWIN HAWKES, PH.D., *Instructor in Mathematics*
SHERWOOD OWEN DICKERMAN, B.A., *Tutor in Greek*
EDWARD DAY COLLINS, PH.D., *Instructor in History*
JOHN CHESTER ADAMS, B.A., *Instructor in English*
ROBERT KILBURN ROOT, B.A., *Instructor in English*

ADDITIONAL INSTRUCTORS

WILLIAM GILBERT ANDERSON, M.D., *Instructor in Gymnastics, and Associate Director of the Gymnasium*
HENRY COTHEAL ANDREWS, B.A., *Assistant in History*
MARK BAILEY, M.A., *Instructor in Elocution*
Hon. SIMEON EBEN BALDWIN, LL.D., *Professor of Constitutional Law, Corporations, and Wills*
ABRAHAM ROYER BRUBACHER, B.A., *Instructor in Greek*

GEORGE MILLETT CHASE, B.A., *Instructor in Greek*

RUSSELL HENRY CHITTENDEN, PH.D., *Professor of Physiological Chemistry, and Director of the Sheffield Scientific School*

WALTER HAVEN CLARK, B.A., LL.B., *Instructor in Debating*

HENRY DAVIES, B.D., PH.D., *Lecturer on the History of Philosophy and Aesthetics*

EDGAR SELAH DOWNS, B.A., *Assistant in Physics in the Sloane Laboratory*

JAY GLOVER ELDRIDGE, M.A., *Instructor in German*

ALEXANDER WILLIAM EVANS, M.D., PH.D., *Instructor in Botany*

WILLIAM OLIVER FARNSWORTH, M.A., *Instructor in French*

HARRY BURR FERRIS, M.D., *Hunt Professor of Anatomy*

HON. EDWIN BAKER GAGER, B.A., *Instructor in Mortgages*

HENRY SOLON GRAVES, M.A., *Pinchot Professor of Forestry*

CHARLES ABBOTT GREENE, B.A., *Proctor, and Assistant in the Office of the Dean of the Graduate School*

HERBERT ERNEST GREGORY, PH.D., *Instructor in Physical Geography*

FRANK EUGENE HALE, B.A., *Laboratory Assistant in Chemistry*

WILLIAM MILTON HESS, PH.D., *Assistant in the Dean's Office*

EDWARD WASHBURN HOPKINS, PH.D., *Professor of Sanskrit and Comparative Philology*

HARRY BENJAMIN JEPSON, B.A., MUS.B., *Assistant Professor of the Theory of Music*

ALBERT GALLOWAY KELLER, PH.D., *Instructor in Social Science*

HENRY STANLEY KNIGHT, *Instructor in Piano-Forte Playing*

CLOYD NORTH MCALLISTER, PH.D., *Assistant in Psychological Laboratory*

WILLIAM CROSBY MARSHALL, M.E., C.E., *Instructor in Drawing and Descriptive Geometry*

LAFAYETTE BENEDICT MENDEL, PH.D., *Assistant Professor of Physiological Chemistry*

REV. WARREN JOSEPH MOULTON, PH.D., *Instructor in Biblical Literature*

JOHN HENRY NIEMEYER, M.A., *Street Professor of Drawing*

HORATIO WILLIAM PARKER, M.A., *Battell Professor of the Theory of Music*

WALTER MELVILLE PATTON, PH.D., *Instructor in Semitic Languages*
CHARLES ADAMS PETERS, B.S., *Laboratory Assistant in Chemistry*
ISAAC KING PHELPS, PH.D., *Instructor in Chemistry*
OSCAR STODDARD PULMAN, JR., B.A., *Laboratory Assistant in Chemistry*
CHARLES BRINCKERHOFF RICHARDS, M.A., *Higgin Professor of Mechanical Engineering*
HENRY WADE ROGERS, LL.D., *Lecturer on Equity, Contracts, Insurance, Municipal Corporations, and Receivers*
SAMUEL SIMONS SANFORD, M.A., *Professor of Applied Music*
JAY WEBBER SEAVER, M.A., M.D., *Associate Director of the Gymnasium*
SIDNEY IRVING SMITH, M.A., *Professor of Comparative Anatomy*
EMERSON GIFFORD TAYLOR, PH.D., *Assistant in Rhetoric*
ELBERT NEVIUS SÈBRING THOMPSON, B.A., *Assistant in English*
JAMES WILLIAM TOUMEY, M.S., *Assistant Professor of Forestry*
Hon. WILLIAM KNEELAND TOWNSEND, D.C.L., *Edward J. Phelps Professor of Contracts and Admiralty Jurisprudence*
ISIDOR TROOSTWYK, *Instructor in Violin-Playing*
RALPH GIBBS VANNAME, B.A., *Laboratory Assistant in Chemistry*
CURTIS HOWE WALKER, B.A., *Assistant in History*
JOHN FERGUSON WEIR, N.A., M.A., *Professor of Painting and Design*
EDWIN BIDWELL WILSON, B.A., *Instructor in Mathematics*
MEYER WOLODARSKY, PH.D., *Instructor in Russian*
JOHN WURTS, LL.B., M.A., *Professor of Elementary Law, Real Property, and Trusts*

HISTORY

From the date of the original Charter, in 1701, a course of instruction leading to the degree of Bachelor of Arts has been continuously offered at the College ; at first only three years of undergraduate study were required, but before 1710 a four years' course was provided, which has since been maintained.

Until 1813, when a Medical School was organized, no other course of study for a degree was marked out at Yale College ; but with the incorporation of the Medical Insti-

tution (as it was originally styled) the older Department began to be designated the Academical Institution (or Department), and has continued to be so designated until at length, with the growth of other Schools about it and the expansion of the whole into Yale University, the original title of Yale College has again come to be applied distinctively to this Department.

TERMS OF ADMISSION

ALL CANDIDATES FOR ADMISSION to the Freshman Class are examined in the following books and subjects; certificates of standing elsewhere are not accepted in place of this examination, except in certain cases when a candidate brings evidence that he has passed the whole of Freshman year in good standing in another college.

I. ANCIENT LANGUAGES

1. Latin Grammar.
2. Cicero—the orations against Catiline and for Archias; and, in addition, either the *Milo*, or the *Manilian Law*, or the *Cato Major*, or the *Marcellus* and the 14th *Philippic*.
3. Vergil—the first six books of the *Aeneid* (including Prosody); and, in addition, either the *Bucolics* or the eighth and ninth books of the *Aeneid*.
4. Ovid—*Metamorphoses*, translation at sight.
5. The translation, at sight, of passages from Nepos and Caesar.
6. The translation into Latin of connected passages of English prose.
7. Roman History to the death of Augustus.
8. Greek Grammar.
9. Xenophon—*Anabasis*, four books.
10. Homer—*Iliad*, three books, with Prosody.
11. The translation, at sight, into simple and idiomatic English, of a passage from some work of Xenophon.
12. The translation into Greek of connected passages of English prose, employing the vocabulary and idioms of the first four books of Xenophon's *Anabasis*.
13. Greek History.

Of the examinations in the ancient languages, those in Latin and Greek Grammar (1 and 8), translation at sight (4, 5, and 11), and Latin and Greek Composition (6 and 12), are considered most important, and the papers in them are read and marked with special care and strictness. A candidate who shows marked proficiency in these subjects is not conditioned for slight deficiency in Xenophon, Cicero, or Vergil.

The examination in Latin Grammar in 1901 will be based upon the second, third, and fourth orations of Cicero against Catiline. Students who do not read Cicero until the last year of their preparatory course are, therefore, advised to reserve Latin Grammar for their final examination. The examination in Greek Grammar in 1901 will be based on the first two books of Xenophon's *Anabasis*. *In both Greek and Latin, however, a knowledge of grammatical principles, especially of the body of syntax, will be required.*

Grammatical questions are not asked on other classical papers, except to test the candidate's understanding of a passage, or on poetic forms and constructions (including prosody) in Homer and Vergil.

In order to allow preparatory schools freedom in arranging their courses of work, alternative equivalents are provided in the authors set. Thus the paper on Cicero contains questions on all the orations named in the list above, and on the Vergil paper passages are set from the eighth and ninth books of the *Aeneid* as a substitute for the *Bucolics*. Papers will be prepared also on other parts of Vergil, on other orations of Cicero, on other portions of the works of Xenophon than the first four books of the *Anabasis*, and on other books of Homer than the first three and the sixth of the *Iliad*, provided information is given to the Registrar, Mr. A. K. Merritt, before May 1, that such a paper is desired.

In the translations at sight from Greek and Latin, the candidate is expected to show accurate knowledge of the forms and structure of the language, and an intelligent comprehension of the meaning of the whole passage set.

The passages set for translation from English into Greek and Latin call for acquaintance with the vocabulary and style of simple narrative.

Teachers are advised to connect exercises in Greek and Latin composition, both oral and written, with all the Greek and Latin studies of the preparatory courses, and to begin the exercises in reading at sight early.

II. MATHEMATICS

14. Algebra (*a*)—Fundamental operations; factoring; highest common factor; least common multiple; fractions; equations of the first degree in one or more unknown quantities; problems which lead to

equations of the first degree; powers and roots; fractional and negative exponents; reduction of radicals, including the extraction of the square root of numbers. (Special emphasis is laid upon accuracy and facility in reckoning.)

15. Algebra (*b*)—Quadratic equations in one or two unknown quantities; ratio and proportion; arithmetical and geometrical progressions; permutations and combinations; undetermined coefficients; binomial theorem for positive, negative, and fractional exponents.

16. Plane Geometry (*a*)—Demonstrations of theorems and constructions, and demonstrations of problems which are contained in the standard texts; also, simple exercises in construction and demonstration.

17. Plane Geometry (*b*)—Mensuration of the triangle, parallelogram, trapezoid, regular polygons, and circle; and the use of the logarithms of numbers. The demonstrations of propositions do not form a part of this requirement, but are included in Plane Geometry (*a*). (A knowledge of the simple arithmetical operations will be assumed.) The problems in this subject, for the most part, will be stated in terms of the metric system of weights and measures; and in the solutions the student will be required to use four- or five-place logarithmic tables. (Special emphasis is laid upon accuracy in reckoning.)

For the examination in Geometry, the candidates must provide themselves with compasses and rulers.

III. MODERN LANGUAGES

18. French *or* German—so far as to translate at sight easy prose into English, and also to translate easy English exercises into French or German.

The candidate is at liberty to decide for himself in which of the two languages he shall be examined.

In French the examination is adapted to the proficiency of those who have studied French in the equivalent of a systematic course of five hours a week for one year. It will consist of two parts (which, however, may not be taken separately):—

(*a*) The translation at sight of ordinary prose.

The passages set for translation will be suited to candidates who have read not less than three hundred duodecimo pages from the works of at least three different authors; this amount includes sight-reading done in class. Not more than half the reading should be from works of fiction. It is important that all translation be done into clear and idiomatic English.

(*b*) The translation into French of English sentences, or a short connected passage, to test the candidate's familiarity with elementary grammar.

Elementary grammar is understood to include the conjugation of regular and the more usual irregular verbs; the forms and positions of the personal pronouns; the uses of other pronouns and of possessive, demonstrative, and interrogative adjectives; the inflection of nouns and adjectives for gender and number, except rare cases; the uses of articles; and the partitive constructions. Proficiency may also be tested by direct questioning.

Pronunciation should be carefully taught, and the pupil should be accustomed to hear and understand the spoken language. The writing of French from dictation is also recommended.

In German the examination is adapted to the proficiency of those who have studied German in the equivalent of a systematic course of five periods a week for one year. It will consist of two parts (which, however, may not be taken separately):—

(*a*) The translation at sight of a passage of easy prose containing no rare words.

The passages set for translation will be suited to candidates who have read not less than two hundred duodecimo pages of simple German, chiefly narrative prose; this amount includes sight-reading done in class. It is important that all translation be done into clear and idiomatic English.

(*b*) The translation into German of simple English sentences, to test the candidate's familiarity with elementary grammar.

Elementary grammar is understood to include the conjugation of the weak and the more usual strong verbs; the declension of articles, adjectives, pronouns, and such nouns as are readily classified; the commoner prepositions; the simpler uses of modal auxiliaries; the elements of syntax and word-order. Proficiency may also be tested by direct questioning.

Practice in pronunciation by reading aloud as much as possible from the texts used in the class is recommended; also, the writing of German from dictation.

IV. ENGLISH

19. English A: Reading and Practice. A certain number of books will be set for reading. The candidate will be required to present evidence of a general knowledge of the subject-matter, and to answer simple questions on the lives of the authors. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number—perhaps ten or fifteen—set before him in the examination paper. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. As supplementary to this test, the candidate

will be allowed to present an exercise-book, properly certified by his instructor, containing compositions or other written work done in connection with the reading of the books.

In preparation for this part of the examination, it is important that the candidate shall have been instructed in the fundamental principles of rhetoric.

The books set for this part of the examination are :—

Preliminary Examination in 1900, for the class entering in 1901 : Shakespeare's *Merchant of Venice ;* Pope's *Iliad*, Books i, vi, xxii, and xxiv ; The Sir Roger de Coverley Papers in *The Spectator ;* Goldsmith's *Vicar of Wakefield ;* Coleridge's *Ancient Mariner ;* Scott's *Ivanhoe ;* Cooper's *Last of the Mohicans ;* Tennyson's *Princess ;* Lowell's *Vision of Sir Launfal ;* George Eliot's *Silas Marner.*

Preliminary Examination in 1901, for the class entering in 1902 ; Shakespeare's *Merchant of Venice ;* Pope's *Iliad*, Books i, vi, xxii, and xxiv ; The Sir Roger de Coverley Papers in *The Spectator ;* Goldsmith's *Vicar of Wakefield ;* Coleridge's *Ancient Mariner ;* Scott's *Ivanhoe ;* Cooper's *Last of the Mohicans ;* Tennyson's *Princess ;* Lowell's *Vision of Sir Launfal ;* George Eliot's *Silas Marner.*

Preliminary Examinations in 1902, 1903, and 1904, for the classes entering in 1903, 1904 and 1905 :

Shakespeare's *Merchant of Venice* and *Julius Cæsar ;* The Sir Roger de Coverley Papers in *The Spectator ;* Goldsmith's *Vicar of Wakefield ;* Coleridge's *Ancient Mariner ;* Scott's *Ivanhoe ;* Carlyle's *Essay on Burns ;* Tennyson's *Princess ;* Lowell's *Vision of Sir Launfal ;* George Eliot's *Silas Marner.*

20. English B : Study and Practice. This part of the examination presupposes more careful study of each of the works named below. The examination will be upon subject-matter, form, and structure, and will also test the candidate's ability to express his knowledge with clearness and accuracy. In addition, the candidate may be required to answer questions involving the essentials of English grammar, and questions on the leading facts in those periods of English literary history to which the prescribed works belong.

The books set for this part of the examination are :—

Final Examination in 1901 : Shakespeare's *Macbeth ;* Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso ;* Burke's *Speech on Conciliation with America ;* Macaulay's *Essays on Milton and Addison.*

Final Examination in 1902 : Shakespeare's *Macbeth ;* Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso ;* Burke's *Speech on Conciliation with America ;* Macaulay's *Essays on Milton and Addison.*

Final Examinations in 1903, 1904, and 1905 :

Shakespeare's *Macbeth ;* Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso ;* Burke's *Speech on Conciliation with America ;* Macaulay's *Essays on Milton and Addison.*

For candidates who take the complete examination in English at a single session, this examination will cover the books set for the final examination in that year, together with those set for the preliminary examination in the preceding year: for example, the complete examination in 1901 will cover the books set for the final examination in 1901, together with those set for the preliminary examination in 1900.

No candidate will be accepted in English whose work is notably defective in point of spelling, punctuation, idiom, or divisions into paragraphs. An entrance condition imposed in English A will be removed only upon evidence of marked improvement in the power to write English correctly.

Candidates are allowed to divide the examination, with an interval of not less than a year between the two parts. In such cases, they must present themselves at one of the two regular examinations, that is, either in June or in September, of the first year; and at this preliminary examination each candidate must submit a definite statement from his principal instructor of the subjects which he is authorized to offer. No preliminary certificate will be furnished, unless at least six of the above twenty subjects have been satisfactorily passed.

A candidate rejected in June, who has passed in five or more subjects, may try the whole examination again in September; but a preliminary certificate given in June cannot be used in the following September examination.

The regular Examination for Admission to College is held at Alumni Hall, New Haven, on Thursday, Friday, and Saturday after Commencement (June 27, 28, 29, 1901); *attendance is required at the opening of the examination, at 9* A. M. *on Thursday*, and the sessions will close at 1 P. M. on Saturday. The examination is wholly in writing; a set of papers recently given will be sent by the Registrar, Mr. A. K. Merritt, on application.

In 1901 examinations (beginning on Thursday, June 27, at 9 A. M., and closing on Saturday at 1 P. M.) for admission to the Freshman Class (but not to higher classes) will also be held

in Albany, N. Y., at the Albany Academy;
Andover, Mass., at Phillips Academy;
Auburn, N. Y., at the High School;
Buffalo, N. Y., at the Central High School;
Chicago, Ill., at the Bryant & Stratton Business College, northwest corner Wabash avenue and Congress street;
Cincinnati, O., at the Hughes High School, 5th street, head of Mound;
Cleveland, O., at the University School;
Columbus, O., at the High School;
Concord, N. H., at St. Paul's School;
Denver, Col., at the East Denver High School;
Detroit, Mich., at the Central High School;
Easthampton, Mass., at Williston Seminary;
Exeter, N. H., at Phillips Academy;
Groton, Mass., at Groton School;
Kansas City, Mo., at the Kansas City High School;
Knoxville, Tenn., at the University School;
Lakeville, Conn., at the Hotchkiss School;
Lawrenceville, N. J., at the Lawrenceville School;
Louisville, Ky., at the Male High School;
Milwaukee, Wisc., at the Milwaukee Academy;
New York City, at the Y. M. C. A. building, 23d st. and 4th av.;
Norwich, Conn., at the Free Academy;
Philadelphia, Pa., at the Eastburn Academy, 700 North Broad street;
Pittsburg, Pa., at Shady Side Academy;
Pomfret, Conn., at the Pomfret School;
Portland, Oregon, at the Bishop Scott Academy;
Pottstown, Pa., at the Hill School;
St. Louis, Mo., at the Board of Education building, corner 9th and Locust streets;
St. Paul, Minn., at the High School;
San Francisco, Cal., at the Urban School, 2124 California street;
Scranton, Pa., at the School of the Lackawanna;
Sing Sing, N. Y., at Dr. Holbrook's School;
Southborough, Mass., at St. Mark's School;
Tacoma, Wash., at the Tacoma Academy;
Washington, D. C., in the rooms of the Patent Law Association, in the Warder Building, S. E. corner of 9th and F streets, N. W.
Watertown, Conn., at the Taft School.

An examination will be held on the same days in some city of Northern Europe, if applications are received by the Registrar not later than May 1. The exact place will be advertised in the Paris edition of the *New York Herald* during the first week of June. For this European examination, a fee of twenty-five dollars will be charged.

Candidates who propose to be present elsewhere than at New Haven are requested to send their names to the Registrar before June 15. A fee of five dollars (payable at the opening of the sessions) is charged for admission to examinations outside of New Haven. The College is also prepared to hold an examination, at the above-named time, in any city or at any school where the number of candidates and the distance from other places of examination may warrant it; applications for this purpose must be sent to the Registrar before May 15.

A second examination is held, *in New Haven*, at the beginning of the College year, on Monday, Tuesday, and Wednesday (September 23, 24, 25, 1901); candidates for this examination must be present at Alumni Hall at 2.30 P. M. on Monday.

ORDER OF JUNE EXAMINATION

Thursday, June 27	
[Session begins at 9.00. Registration,	9.00—9.40]
Vergil and Prosody,	9.40—10.40
English *a*,	10.40—11.30
English *b*,	11.30—12.30
Xenophon,	3.00— 4.00
Roman History,	4.00— 4.30
Greek Grammar,	4.30— 5.30
Greek Composition,	5.30— 6.00
Friday, June 28	
Homer,	9.00—10.00
Algebra *a*,	10.00—10.45
Algebra *b*,	10.45—11.30
Caesar and Nepos,	11.30—12.15
Cicero,	2.45— 3.30
Greek History,	3.30— 4.00
Geometry *a*,	4.00— 5.00
Geometry *b*,	5.00— 6.00
Saturday, June 29	
Latin Grammar,	9.00—10.00
Latin Composition,	10.00—10.30
Greek at sight,	10.30—11.15
Ovid at sight,	11.15—12.00
French or German,	12.00— 1.00

ORDER OF SEPTEMBER EXAMINATION

Monday, September 23

[Session begins at 2.30 P. M. Registration,	2.30—3.00]
Vergil and Prosody,	3.00— 4.00
English *a*,	4.00— 5.00
English *b*,	5.00— 6.00

Tuesday, September 24

Xenophon,	9.00—10.00
Roman History,	10.00—10.30
Greek Grammar,	10.30—11.30
Greek Composition,	11.30—12.00
Homer,	2.30— 3.30
Algebra *a*,	3.30— 4.15
Algebra *b*,	4.15— 4.45
Caesar and Nepos,	4.45— 5.30

Wednesday, September 25

Greek History,	9.00— 9.30
Geometry *a*,	9.30—10.30
Geometry *b*,	10.30—11.30
Cicero,	11.30—12.15
Latin Grammar,	2.00— 3.00
Latin Composition,	3.00— 3.30
Greek at sight,	3.30— 4.15
Ovid at sight,	4.15— 5.00
French or German,	5.00— 6.00

In general, examinations for admission to the next Freshman Class can be held only in June and September as specified; if in any case sufficient reason exists for an exception to this rule, a special fee (not exceeding fifty dollars) will be charged.

ADVANCED STANDING—All candidates for advanced standing, *whether from other Colleges or not*, are examined, in addition to the preparatory studies, in those studies which have been already pursued (see pp. 67 ff.) by the class which they wish to enter. In the several languages, for the particular books studied by the class, equivalent amounts from other books may be offered. Certificates of standing elsewhere cannot be accepted in place of these examinations, although they may be taken into account as collateral evidence of fitness for admission.

No one is admitted to the Senior Class after the beginning of the second term.

AGE—No one is admitted to the Freshman Class till he has completed his fifteenth year, nor to an advanced standing without a corresponding increase of age.

TESTIMONIALS—Satisfactory testimonials of good moral character (preferably from the last principal instructor) are in all cases required, before a certificate of admission in full is granted. Students from other Colleges must present certificates of dismission in good standing.

BOND—Every person must give to the Treasurer, on being admitted, a bond, executed by his parent or guardian, for five hundred dollars, as security for the payment of charges arising under the laws of the College. A blank form for this purpose is furnished at the time of admission.

GOVERNMENT AND INSTRUCTION

The Dean has the general supervision, under the Faculty, of the Senior, Junior and Sophomore classes; the members of the Freshman class are assigned by divisions for a similar supervision to the care of instructors in that class.

Absence from College exercises is excused only for extremely urgent reasons. A student cannot be excused for absence at the beginning or near the end of a term, except for serious illness. In order to cover all cases of absence which may seem justifiable to the student, but for which no excuses will be accepted, an allowance is granted to a member of the Senior or Junior class of absence from eight class-room exercises (recitations, lectures, or rhetorical appointments), and to a member of the Sophomore or Freshman class from six class-room exercises, during the first term and during each half of the second term, without incurring marks and without affecting his record for scholarship; provided that these absences shall not immediately precede or follow a vacation or recess; provided, also, that no two absences shall be consecutive in any one study, and that such absences shall not excuse the student from preparation upon the omitted lessons when reviewed.

The members of the Freshman class are arranged in divisions according to scholarship. During the present year, for required work, the Junior class is divided into six divisions, and the Freshman class into twelve; in the elective courses the divisions are of convenient size for class-room work.

In Freshman year, Greek, Latin, Mathematics, Modern Languages and English, each occupy three hours of class-room work per week through the year. In Sophomore year, three-hour courses are offered in Greek, Latin, Mathematics, Chemistry, Physics, History, Modern Languages, and English, and each member of the class is required to select five courses. The kind and amount of study in these two years are believed to be such as are essential for laying the foundation of a liberal education, whatever the department or profession that may be pursued in after-life; and no more than is needed to give the student a proper basis of knowledge and discipline for the study of the more advanced courses which follow, and that knowledge of himself, and of the subjects before him, which is needed for a judicious choice. If a student can pass a satisfactory examination in any of the Freshman courses for the work of *one year in advance*, he may be allowed to choose from the list of Sophomore Electives some other course which he is qualified to pursue with advantage, covering the same number of hours.

Of the work of the Junior and of the Senior years, nine-tenths is in elective studies. The whole number of elective courses open to the two classes is at the present time about two hundred; and in addition there are several courses of lectures, attendance on which is optional. The Juniors have open to them elective studies in the Fine Arts, History, Political Science, Psychology and Ethics, Biblical Literature, the Natural Sciences, and Music, in addition to those in the departments of the Classics, the Modern Languages, and Mathematics; and the Seniors, electives under all these departments, with others of higher range as explained below.

Many of the courses fall naturally into groups: as that of the Ancient Languages and Literatures; Psychology, Logic, and Philosophy, with Ethics; Political Science and Law; History; Modern Languages and Literatures; Mathematics and Physics; Chemistry and the Natural Sciences; and the student is recommended to select his courses as far as possible according to his needs, in part perhaps according to his expectations as to future work, fixing first upon the chief subject, and selecting others that are subsidiary to it. In several cases, related courses are accessible to the student only as they are taken consecutively.

To promote the rational choice of elective courses, SPECIAL HONORS in various groups of studies are offered, to be given at the end of the Senior year, in accordance with the scheme on page 136.

THE PROGRAM OF STUDIES for the current year is as follows:

FRESHMAN YEAR

Greek—Lysias, selected speeches; Demosthenes, the *Philippics;* Plato, the *Apology* and selections from other dialogues; some of the less difficult fragments of the lyric poets.

Latin—Livy, Books i and ii; selections from Latin prose or verse; Terence or the *Satires* of Horace; Prose Composition.

French or German—Students may at their option either continue the study of the modern language presented for admission to college, or begin the study of the other in case they have not previously pursued it. Those who have sufficient knowledge of either language are assigned to classes still further advanced.

English—Three hours a week throughout the year. Five plays of Shakespeare; selected essays of Carlyle, Ruskin, Newman, and Arnold; Tennyson's *Idylls of the King* and shorter poems; Palgrave's *Golden Treasury of Songs and Lyrics.* In connection with the study of the literature, drill in the principles of rhetoric, with frequent practice in writing.

Mathematics—Geometry: Planes, Polyhedrons, Cones, Cylinders, and Spheres. Projection of figures with exercises on Models. Text-book, Phillips and Fisher's *Geometry.*

Plane Trigonometry: Solutions of Triangles, Mensuration, and Surveying. Text-book, Wentworth's *Trigonometry.*

Mechanics: The elementary principles of Kinematics, Kinetics (or Dynamics), and Statics, in reference to solid bodies, with practical applications. Text-book, Glazebrook's *Mechanics.*

SOPHOMORE YEAR

Each member of the Sophomore class is required to choose five of the following courses.

I. GREEK

Professors PERRIN and REYNOLDS.

The Athenian Drama.

The *Seven against Thebes* of Aeschylus, the *Antigone* of Sophocles, the *Medea* of Euripides, and the *Frogs* of Aristophanes will be read in class, and possibly other plays assigned for private reading. A course of ten or twelve lectures will be given on the Greek Theatre, on the origin, evolution and history of the Greek Drama, and its influence on subsequent dramatic literature.

In reading these plays, special emphasis will be laid on their analysis as works of literary art, on the myths which they presuppose and develop, on poetic words, forms, dictions, rhythms, and constructions. Grammatical questions will be discussed only when they are important for the interpretation and illustration of the thought.

II. LATIN

Professors MORRIS and H. P. WRIGHT.

Horace, Cicero, Terence.

The *Odes of Horace*, Books i and ii, will be studied, with illustrations from the Greek and the English lyric, and with some comparison of English verse translations. *Cicero's Letters* will be read, and selected letters will be edited with historical notes by members of the class. The books necessary for this work will be placed in the Reading Room. One play of *Terence* will be studied with reference to the dramatic form and the manner of presentation on the stage, and the other plays, if time allows, will be rapidly read.

III. FRENCH

Dr. MCKENZIE and Mr. FARNSWORTH.

(a) *Elementary.*

A careful study of the main facts of French Grammar, and practice in pronunciation. As soon as possible the reading of easy French prose will be taken up.

Mr. HOLBROOK and Mr. FARNSWORTH.

(b) *Second Year.*

This course is open to those who began French in Freshman year, or who can give evidence of having the equivalent of such preparation.

Reading of French prose from standard authors on varied topics, with a short course in syntax accompanied by exercises in composition and oral practice.

Mr. SANDERSON and Mr. HOLBROOK.

(c) *Advanced Course.*

A critical study of representative plays of the seventeenth, eighteenth, and nineteenth centuries; also specimens of the best prose of the seventeenth century,—Saint-Simon, Sévigné, and Pascal.

IV. GERMAN

Mr. ELDRIDGE.

(a) *Elementary.*

Grammar. Translation from German into English and elementary exercises in translating into German. Practice in pronunciation. The course is intended to give to the student a knowledge of such grammatical elements as will enable him to read easy German at sight, and to put easy English sentences into German. The reading will be of simple narrative prose.

Dr. ANDREEN.

(b) *Second Year.*

Reading of short stories, a comedy, and selections from more difficult prose and poetry. Practice in writing German. Study of word-formation.

Mr. FARR.

(c) *Advanced Course.*

Rapid reading of selections from history, political writings, and literary criticism taken from contemporaneous sources. The object of the course will be to acquaint the student more fully with the historical and critical vocabularies and styles.

Weekly exercises throughout the year in German composition.

V. ENGLISH

Professor LEWIS and Dr. REED.

English Literature. 2 hrs. a week.

The following standard authors are read: Spenser: *Faery Queene*, Books i and ii. Shakespeare: *Antony and Cleopatra*, *King Lear*, *Hamlet*. Milton: the *Minor Poems*, and parts of *Paradise Lost*. Addison: selections from the *Spectator*. Steele: miscellaneous essays and letters. Swift: *Gulliver's Travels*, and many short pieces. Pope: *Rape of the Lock*, *Eloisa to Abelard*, and other poems. Gray: selections from his poetry and prose. If time permits, selections from Burns and Lamb will be added to the course. In connection with the study of these authors an outline history of English literature will be used.

Professor BALDWIN and Mr. WELLS.

Rhetoric. 1 hr. a week.

Recitations and lectures, frequent essays with individual conference.

VI. HISTORY

Dr. DAY and Dr. COLLINS.

European History.

This course is introductory to the more advanced courses in European and English History offered in the Junior and Senior years. A general survey of the political and social development of England and the Continental peoples from the fourth to the eighteenth centuries.

VII. MATHEMATICS

Professor PHILLIPS.

Calculus.

The Elements of the Differential and Integral Calculus. Text-book, Osborne's *Calculus*.

Since the Calculus lies at the foundation of the modern treatment of the quantitative sciences, all students who wish to acquire more than an elementary knowledge of Physics, Astron-

omy, the Engineering sciences, theoretical Chemistry, mathematical Economics, physiological Psychology, etc., as well as those students who are more especially interested in pure Mathematics, should take this course.

Professor RICHARDS.

Spherical Geometry and *Trigonometry*; Applications of Trigonometry to *Surveying*, *Navigation*, and *Nautical Astronomy*.

A short course in Surveying, and a complete elementary course in Navigation, embracing plane sailing, middle latitude sailing, sailing by Mercator's chart, and correction of courses. Instruction in Nautical Astronomy will include the subject of Time, with the methods of finding latitude and longitude by observations of heavenly bodies, and numerous examples illustrating these methods; the use of tables and the Nautical Almanac as far as they are required. Instruction in the use of the Sextant will also be given.

Dr. HAWKES.

Analytical Geometry.

This course proposes to give an account of the more elementary parts of Modern Analytical Geometry. Students who wish to make Mathematics their specialty, as well as those who wish to make rapid progress in Physics, Astronomy, the Engineering sciences, etc., should take this course in connection with the Calculus in their Sophomore year. Otherwise it may be taken in the following year. Instruction will be given by lectures, accompanied by practical work in the solution of problems.

VIII. PHYSICS

Professor DANA and Dr. KREIDER.

Elementary Physics.

A general course commencing with the properties of Liquids and Gases, and going on with the subjects of Sound, Heat, Electricity and Light. Experimental illustrations will be freely introduced into the class-room. Ganot's *Physics* (14th edition) and Poyser's *Magnetism and Electricity* (advanced course) will probably be used as text-books.

IX. CHEMISTRY

Professors GOOCH and BROWNING.

Inorganic Chemistry. 6 hrs. to count as 3 hrs.

The course consists of lectures, laboratory work, and written exercises, and is an introduction to elementary chemical theory, the use of symbols and equations, and the study of the properties of the elements and their compounds.

To those who take this course a fixed charge of $20.00 will be made (to cover the expenditure for chemicals, gas, water, etc.), in addition to the cost of apparatus broken or returned in unserviceable condition. The entire expenses of the course should average not far from $25.00.

Those without previous training in Physics, who propose to elect the course, are advised to pursue that subject at the same time.

The course is a necessary antecedent of the other courses in Chemistry, and of the course in Biology.

JUNIOR AND SENIOR YEARS

Courses covering thirty hours must be satisfactorily completed by each student in Junior and Senior years in order to be recommended for a degree.

The *prescribed* studies of Junior year occupy three hours per week.

PRESCRIBED STUDIES OF JUNIOR YEAR

Logic—Jevons' *Elements of Logic* (Hill's ed.); exercises in the criticism of arguments; lectures.

Psychology—Ladd's *Outlines of Descriptive Psychology;* lectures.

Ethics—Lectures; required readings.

ELOCUTION

Junior Year, First Term—An extra elective course of one hour per week in advanced oratorical speaking, or Shakespearean readings. Special preparatory training for the TenEyck Prize Speaking at the Junior Exhibition.

Senior Year—Special preparatory training of the speakers for the DeForest Prize in Oratory.

ELECTIVE COURSES

All members of the *Junior Class* are required to select for their studies not less than fifteen nor more than eighteen hours of elective work per week. All members of the *Senior Class* are required to select for their studies a number of hours per week which, in addition to those chosen and passed satisfactorily at the end of Junior year, will bring the total number up to thirty hours.

JUNIORS are required to take course 1.

Asterisked courses (*) can be chosen only with the written consent of the instructor.

I. PSYCHOLOGY; ETHICS; PHILOSOPHY

1 *Logic, Psychology, and Ethics (elementary course).* 3 hrs.
Professors LADD, DUNCAN and SNEATH.

(*a*) *Elements of Logic and Psychology.* 2 hrs.
Professors DUNCAN and SNEATH.

In this course systematic instruction is given in the elements of logic and general psychology. Text-books: Jevons' *Elements of Logic* (Hill's ed.); Ladd's *Outlines of Descriptive Psychology.*

(*b*) *Elements of Ethics (theoretical and practical).* 1 hr.
Professor LADD.

A course of expository lectures, with required readings and recitations, on the elements of ethics, theoretical and practical.

2 *Introduction to Philosophy.* [Seniors.] 2 hrs.
Professor LADD.

This course of lectures is designed to present, in an elementary and summary way, the principal philosophical problems. It may properly be taken by all who desire any acquaintance with philosophy as a means of culture. It is also recommended to those who seek for a general introduction to the more special or advanced study of philosophy. The order of topics followed will be based upon some book giving a general treatment of the subject, supplemented by other reading.

During the latter half of the course special emphasis will be laid upon the philosophy of life and of conduct, in connection with the discussion of problems in Ethics, Aesthetics, and the Philosophy of Religion.

[3 *History of Modern Philosophy.* [Seniors.] 2 hrs.
Professor DUNCAN.

An elementary study of the development of speculative thought from Descartes to the present time, with cursory reading of philosophical masterpieces from Descartes to Kant; Descartes' *Method* and *Principles of Philosophy, pt. I;* Bacon's *Novum Organum;* Spinoza's *Ethics*—selections; Locke's *Essay*

on Human Understanding—selections; Liebnitz's *Monadology and Philosophical Opuscules;* Berkeley's *Principles of Human Knowledge;* Hume's *Inquiry concerning Human Understanding;* Reid's *Inquiry into the Human Mind;* Kant's *Prolegomena to any Future Metaphysic.* This course (which is largely a lecture course, with frequent written exercises on the texts read and occasional examinations on both the lectures and texts), while intended primarily for general culture, also aims to be an introduction to the more special study of philosophy in its various branches and problems.

Omitted in 1900–1901.]

4 *Philosophical Anthropology.* [Seniors.] 2 hrs.

Professor SNEATH.

This course furnishes an outline study of man, his body and mind in their relations, his relations to nature, to his fellows, and to God.

5 *Outlines of General Philosophy.* [Seniors.] 2 hrs.

Dr. GREEN.

This course will aim to furnish the student with a knowledge of the main problems of general philosophy, and to acquaint him with the various answers which have been given to these problems. Selections from various authors will be read, including Paulsen's *Introduction to Philosophy*, Bowne's *Theory of Thought and Knowledge*, Seth's *A Study of Ethical Principles.*

6 *Abnormal Psychology.* 1 hr.

Professor LADD.

This course of lectures is designed to supplement course 1 and to discuss especially the physiological conditions and mental phenomena of sleep, dreams, and hypnotic, somnambulistic, and other allied states. The theory of illusions and hallucinations will be treated with considerable detail.

[7 *The Principles of Evolution.* [Seniors.] 2 hrs.

Professor WILLIAMS.

A discussion of the underlying facts (chiefly biological), the methods of scientific research, and the philosophical problems upon which the modern philosophy of evolution is founded. This will be a lecture course, with occasional examinations and essays on assigned topics.

Omitted in 1900–1901.]

[8 *Popular Discussions in Philosophy.* [Seniors.] 1 hr.

Professor DUNCAN.

A course in philosophical criticism, intended to develop and train the critical spirit; to deepen interest in the more profound themes of philosophy by showing their connection with popular life and thought; and to vindicate sound psychology and a theistic and Christian philosophy from the perennial misconceptions to which they are exposed. To this end some of the popular philosophical papers of Huxley, Tyndall, Clifford, Spencer and others will be read and freely discussed. Considerable attention will be given to some of the philosophical aspects of the Theory of Evolution, and those who take the course are recommended to take course 7, given by Prof. H. S. Williams. Omitted in 1900–1901.]

9 *Elements of Philosophy.* [Juniors.] 2 hrs.

Professor SNEATH.

This course will be a simple introduction to the problems and conceptions of philosophy, with an outline of its history.

10 *Psychology (Physiological and Experimental).* 2 hrs.

Dr. SCRIPTURE.

A general course illustrated by physiological and psychological experiments. Text-books: Ladd's *Outlines of Physiological Psychology;* Scripture's *New Psychology.*

11 *Psychology (Elementary Laboratory Course).* 2 hrs. *to count as 1 hr.*

Dr. SCRIPTURE.

This series of exercises in experimental psychology affords a training similar to that of an elementary course in chemistry or physiology. The course can be taken only in connection with or in sequence to course 10.

12 *Psychology of Expression (Gesture, Speech, and Music).* 1 hr.

Dr. SCRIPTURE.

An experimental study of expression of thought and emotion as shown in facial expression, in gesture, in rhythmic movements, in prose and poetical speech and in musical rhythm.

13 *Ancient Philosophy.* 2 hrs.

Dr. STEARNS.

This is an elementary course designed to meet the wants not only of the student who desires, in the way of general culture, to know something about the scientific thoughts of the Greeks, which have so greatly determined the course of history, but also of the student who wishes an historical basis for his philosophical studies.

14 *Plato's Philosophical System.* 2 hrs.

Dr. STEARNS.

Nearly all the well-authenticated Dialogues will be read and thoroughly discussed, with a view to determining as far as possible Plato's opinions upon the principal philosophical questions. Especial attention will be given to the theory of *Ideas*. Jowett's translation of the Dialogues is used as a text-book.

15 *History and Theory of Education.* 2 hrs.

Dr. GREEN.

This course will comprise readings and lectures on the history and theory of modern education. The bearing of psychology upon methods of teaching and curricula will be considered, followed by a study of the works of the great educational Reformers, closing with a critical study of present theory and practice. The course is especially but not exclusively adapted to all who intend to engage in educational work.

*16 *Ethical Seminary.* [Seniors.] 2 hrs.

Professor LADD.

The principal topics in the philosophy of conduct will be studied in detail; such as the origin and development of moral consciousness, the conceptions of duty, virtue, and the moral law, the nature, grounds, and sanctions of the right, and the different "schools" of ethical writers. The method of study combines lectures with papers and discussions by the class, and special research work for those who desire to investigate more thoroughly the literature of the particular subjects.

*17 *Kant Seminary.* [Seniors.] 2 hrs.

Professor LADD.

A thorough study of the *Critique of Pure Reason* and, if time permits, a less thorough study of the *Critique of Practical Reason.*

After an expository and critical lecture, a paper upon a topic given out some time in advance will be read, to be followed by discussion on the part of both teacher and class. The effort will constantly be made to understand Kant's system of thinking in the light of the history of opinion since his time, and especially of opinion upon the same subjects in the present day.

*18 *Advanced Psychology.* [Seniors.] 2 hrs.

Professor DUNCAN.

A course in general psychology which aims at a detailed study of the phenomena of mental life from the scientific point of view. James's *Principles of Psychology* will be read, with constant reference to Ladd's *Psychology, Descriptive and Explanatory*, Sully's *Human Mind*, and the works of other leading modern authors; and the reading will be accompanied by papers, discussions, and lectures.

*19 *The Philosophy of Herbert Spencer.* [Seniors.] 2 hrs.

Professor DUNCAN.

This course is a study of the Evolution Theory of Spencer in its psychological, ethical and metaphysical aspects. Spencer's *First Principles*, *Principles of Psychology* (selections), and *Data of Ethics* are read and discussed.

*20 *History of Modern Ethics.* [Seniors.] 2 hrs.

Professor SNEATH.

A study of the development of ethical thought from Hobbes to the present time. The course will deal primarily with British ethics. However, the development of German ethics from Kant to Schopenhauer will be carefully considered. Lectures and elaborate papers.

*21 *Experimental Phonetics.* 1 hr.

Dr. SCRIPTURE.

A series of lectures, laboratory exercises and readings in the application of experimental methods to speech, song, rhythm, verse, etc. Rousselot's *Phonétique Expérimentale* and a series of monographs will be read. The general theory of speech and verse as forms of expression is given in course 12.

*22 *Aesthetics.* [Seniors.] 1 hr.

Dr. DAVIES.

The object of this course is to review the history of thought on the subject of the beautiful; to give a philosophical account of the foundations upon which the arts rest; and to study scientific art-theory in its relation to general philosophical system. Bosanquet's *History of Aesthetics*, Rutgers Marshall's *Pain, Pleasure, and Aesthetics*, and other works, will be read in connection with the course.

*23 *Pre-Socratic Philosophy.* [Seniors.] 2 hrs.

Dr. STEARNS.

The sources and remains of the earliest Greek philosophy are critically examined and interpreted with a view to explain the origin and first developments of that line of reflective thinking which has had most influence upon modern scientific and philosophical ideas and problems.

*24 *Aristotle's Metaphysics.* [Seniors.] 2 hrs.

Dr. STEARNS.

Selected chapters in the Metaphysics will be translated and interpreted. Especial emphasis will be laid upon the new and enduring conceptions which underlie Aristotle's thinking. The effort will be constantly made to understand the philosophical thought of the author, and to illustrate and criticise it by comparison with the now current thought on the same topics.

*25 *Lotze's Microcosmus.* [Seniors.] 2 hrs.

Dr. GREEN.

This course will be conducted in such a way as to furnish the student with an opportunity to read this classic work, and at the same time give him practice in philosophical exposition and criticism.

II. POLITICAL SCIENCE AND LAW

30 *Economics.* 3 hrs.

Professors EMERY and SCHWAB.

Two hours a week will be devoted to lectures,—for two-thirds of the year by Professor Emery on the general problems of production, exchange and distribution of wealth; for the remaining third by Professor Schwab on money and monetary problems. The third hour will be occupied by a quiz-exercise in small sections under Professors Emery and Schwab and Mr. Robinson.

Text-books: Hadley's *Economics* and the *Report of the Monetary Commission*, 1898.

31 *Statistics.* 2 hrs.

Dr. BAILEY.

The sources and reliability of statistical data are discussed, and the methods of distinguishing true and false inferences are pointed out. Index numbers are studied, and the lectures treat of the statistics of population, crime, suicide, property, etc. The theory of probabilities is developed in its connection with lotteries and insurance. The attempt is made to determine the laws which govern the group action of men.

Text-book: Mayo-Smith, *Science of Statistics.*

32 *Finance.* [Seniors.] 3 hrs.

Professor SCHWAB.

A course on money, banking, and finance; open to those who have completed course 30. Two hours a week will be devoted to lectures; one hour to quiz-exercises in small sections under Dr. Bailey.

Text-books: *Report of the Monetary Commission*, 1898; Dunbar, *Banking;* White, *Money and Banking;* Greene, *Corporation Finance*, and Plehn, *Public Finance.*

33 *Finance.* [Seniors.] 1 hr.

Professor SCHWAB.

Open to those who take course 32. Lectures on the recent financial history of the United States.

Text-book: Noyes, *Thirty Years of American Finance.*

Individual research: The preparation of exhaustive papers upon selected topics in the theory of money and banking.

34 *United States Industrial History.* [Seniors.] 3 hrs.

Professors SCHWAB and EMERY.

Open to those who have completed course 30. A study of the industrial development of the United States. Two hours a week will be devoted to lectures—for two-thirds of the year by Professor Schwab on the history of American industries, on foreign commerce, and on the modern capitalistic organization of industry, including railroads; during the other third by Professor Emery on speculation and modern business methods. The remaining hour is devoted to quiz-exercises in small sections under Dr. Keller.

Text-books: Taussig, *Tariff History of the U. S.*, 1898; Hobson, *Evolution of Modern Capitalism;* Hadley, *Railroad Transportation;* Newcomb, *Railway Economics.*

35 *United States Public Finance.* [Seniors.] 1 hr.

Professor SCHWAB.

Open to those taking either courses 32 or 34. Lectures upon selected topics in the science of government revenue and expenditure, with special reference to American fiscal problems. Protective and revenue tariffs; the National debt; the National tax system; State and local taxation; the taxation of corporations.

Individual research: the preparation of exhaustive papers upon some topic within the field indicated.

*36 *Commercial Policy.* [Seniors.] 1 hr.

Professor EMERY.

A study of the growth of international trade and recent commercial policy. This course is primarily intended for graduate students, but is open to Seniors who offer proof to Professor Schwab of their ability to read French or German with ease. A knowledge of both languages is desirable. The work of the course will consist chiefly in the preparation of original papers.

37 *Industrial Combinations.* [Seniors.] 1 hr.

Mr. M. H. ROBINSON.

Open to those who take course 34. A study of the modern tendency toward the concentration of industry; the relation of

aggregated capital to investors, wage-earners, competitors and consumers; and the various plans for the regulation and control of capitalistic monopolies.

Individual research: the preparation of critical papers embodying the results of special investigations in the development of some of the characteristic combinations.

38 *American Social Conditions.* [Seniors.] 2 hrs.

Dr. BAILEY.

A critical study of the principal phenomena that are characteristic of American society. The problems connected with the negro, concentration of population in cities with the attendant dangers, immigration, poor relief, labor organizations, liquor question, etc. will be presented in lectures.

Text-book: Wright, *Elements of Practical Sociology;* additional works of reference will be given on the questions under discussion.

39 *History of Economic Theory.* [Seniors.] 2 hrs.

Professor EMERY.

Open to those who have completed course 30. Special emphasis is laid on the relation between economic history and the development of economic theory. Lectures and class room discussion of leading writers.

40 *The Science of Society.* [Seniors.] 2 hrs.

Professor SUMNER.

An elementary course, with text-book lessons and examinations, in Anthropology and Ethnology, with the origin of civilization and the development of institutions.

In connection with this will be a course of lectures on Systematic Sociology [Societology]. Topics are: The organization of society; the individual and the social; social forces; militarism and industrialism; property; marriage, family, and the status of women; primitive notions in religion and philosophy: civil government, law and rights; slavery and classes; economic interests and their collisions; conditions of welfare; origin of moral standards; reaction of reason on experience. These topics are treated exclusively in the light of Historical Anthropology and Ethnology.

41 *The Science of Society.* [Seniors.] 2 hrs., *to count as 3 hrs.*

Professor SUMNER.

A course with a German text-book (Lippert's *Kulturgeschichte;* 2 vols., Stuttgart, 1887), for those who are able to read difficult German. The exercises are coincident with those of course 40, including the lectures as above.

42 *Homeric Society.* 1 hr. or 2 hrs.

Dr. KELLER.

A systematic study of Homeric social life from the documentary evidence of the Iliad and Odyssey. National environment, industrial organization, religion, property, marriage, government and classes will be investigated in the light of sociology and culture-history. A reading knowledge of German or French is desirable. Those offering satisfactory proof of ability to read both languages with ease will have their work directed accordingly, and may count the course as the equivalent of two hours.

*43 *Environmental Influences on Man.* [Seniors.] 1 hr.

Dr. GREGORY and Dr. KELLER.

First term (Dr. Gregory): The relation of man to nature; a study of the topography, climate, distribution and character of fauna, flora, building material, etc. as factors which influence man's physical development and manner of life.

Second term (Dr. Keller): Social environment, including the interrelation between primitive and early societies, and between unequally advanced civilizations. It is intended especially to make an economic and social study of the contact of civilized with uncivilized races; to this end the history of ancient and modern colonization will be reviewed, particular attention being given to the Philippines and the East Indies.

A reading knowledge of German and French is required.

45 *Jurisprudence and Law.* [Seniors.] 2 hrs.

Mr. GAGER and Professor TOWNSEND.

An historical and philosophical view of the Law in its great outlines, as common to all nations, and particularly as developed in the Anglo-Saxon race. Also, lectures upon American Constitutional Law and upon International Law. Text-books are read in connection with the lectures, and examinations are held at stated intervals.

This course is intended for those who may be interested in the subjects as a branch of general education, and is not open to those who take course 46.

46 *Law.* [Seniors.] 5 hrs.

Professor BALDWIN.

American Law, Lectures; *Agency*, Recitations, using Parsons on Contracts; *Wills*, Lectures and study of cases.

Professor TOWNSEND.

Evidence, Lectures and recitations, using Reynolds on Evidence.

Professors WURTS and ROGERS.

Elementary Law, followed by Parsons on Contracts.

This course is intended for those who wish to begin the study of law as a profession, and is not open to those who take course 45.

47 *Comparative Politics.* 2 hrs. or 3 hrs.

Mr. M. H. ROBINSON.

Lectures upon the nation, the state, and the government: the nation, present nationalities, and national character; the state, its nature and origin, form and functions, political and economic; the government, its forms, its relation to the state and to law; the development of modern governments.

Text-books: Wilson, *The State*, and Lowell, *Governments and Political Parties of Continental Europe*. A comparative study of the leading constitutional states, England, France, Germany, Switzerland. etc.

Individual research: an exhaustive study of some topic in comparative government based upon all the available sources with a bibliography of the literature on the subject.

A reading knowledge of either German or French is useful, but not essential. Those offering satisfactory proof of their ability to read either of these languages with ease will have their work directed accordingly, and may count the course as the equivalent of three hours.

48 *Debates on Public Questions.* [Seniors.] 2 hrs.

Mr. WALTER H. CLARK.

Members of the class will organize debates each week on subjects of public interest; prepare and interchange briefs, and argue the questions at issue on the basis of special study and investigation.

III. HISTORY

50 *Ancient Oriental Nations from the earliest times.* 2 hrs.

Assistant Professor F. W. WILLIAMS.

A comprehensive survey of the beginnings of civilization, and its development in the principal nations of antiquity, including Babylonia, Assyria, Egypt, Phoenicia, and Media. This course illustrates the connection of Biblical and profane history, discusses the origins of political and social institutions, religions, the arts and sciences, and the Asiatic sources of European civilization, and constitutes an introduction to the study of history.

51 *Outline Survey of Ancient History.* 1 hr.

Professor PERRIN.

Lectures, based on manual-study, outlining and emphasizing such general features of ancient history as are most valuable for the intelligent prosecution of medieval history. Oriental history is presented only as background and source for Greek and Roman history.

52 *Medieval History.* [Juniors.] 2 hrs.

Professor G. B. ADAMS.

The object of the course is to furnish an outline of the general history of Europe, and to follow the development of political, intellectual, and religious civilization through the period which lies between ancient and modern history.

53 *History of Northern Europe from the Reformation to the death of Frederic the Great.* 2 hrs.

Assistant Professor RICHARDSON.

This course will deal chiefly with the following topics: the Reformation in Germany and the States of Northern Europe; the Revolt of the Netherlands, with a brief sketch of the decline of Spanish power; the counter-Reformation; the Thirty Years' War, with especial reference to its effect upon the institutions of the Empire and the subsequent policy of the foremost German States; Sweden as a Great Power, its rise, progress and decline; the Northern War; Russia, with especial reference to the reigns of Peter the Great and Catherine II., to the partition of Poland and the Turkish question; and the history of Brandenburg-Prussia.

During the first half of the course the center of interest will be found in the religious and political rivalries of the era of the Reformation; in the latter half, in the history of Brandenburg-Prussia from the time of its rapid economic, political, and military development under the Great Elector and Frederic William I. to its acquisition of world-power under Frederic the Great in contest with Austria and France.

Considerable attention will be given to the history of the Prussian constitution and to topics of economic interest, such as the decline of the Hanseatic League, the economic results of the Thirty Years' War, and the development of the resources of Brandenburg-Prussia by its greatest rulers.

Lectures and collateral reading.

[This course alternates with course 54.]

[54 *History of France from the Reformation to the French Revolution.* 2 hrs.

Assistant Professor RICHARDSON.

This course will deal not only with the internal history of France, but also with its relations to the larger problems of modern European history—the progress of the Reformation and the counter-Reformation, the formation and development of the modern European state-system, colonial expansion, the great wars and treaties of the modern epoch, and the growth of political and economic science.

In the internal history of France, especial attention will be paid to the character and development of political and social institutions; the era of the Civil Wars, with their religious and dynastic rivalries; Henry IV. and Sully; Richelieu and Mazarin; the age of Louis XIV. and its representative ideas; and the political and intellectual movements preparatory to the Revolutionary epoch.

Lectures and collateral reading.

This course is omitted in 1900–1901. It alternates with course 53.]

55 *History of Europe since 1789.* [Seniors.] 2 hrs.

Professor WHEELER.

Mainly political; introductory to European politics of our day.

56 *English History.* [Seniors.] 3 hrs.

Professors G. B. ADAMS (first half-year) and RICHARDSON (second half-year).

Political and constitutional. Particular attention will be given to the development of political and legal institutions, and in the second half to the colonial expansion of England. The more important constitutional documents will be discussed in detail as well as such other contemporary sources as are accessible. While this course is of special value to those who intend to study law, the interest of the general student will also be kept in view.

57 *Medieval Asia and the Mohammedan Conquest.* 2 hrs.

Assistant Professor F. W. WILLIAMS.

An attempt to supplement the history of Medieval Europe by following the events in Western Asia during the period between Alexander's death and the capture of Constantinople, 1453. The course exhibits the gradual effacement of Hellenic influences in Asia, the continual contest between Rome and the East, and the secular antagonism between Oriental and Occidental civilization. It takes up in succession the Parthian and Sassanid Empires, follows the rise of Islam and its extension under the Saracens and Turks, and shows the influences of Asiatic culture upon modern Europe.

58 *Modern Asiatic History.* 2 hrs.

Assistant Professor F. W. WILLIAMS.

A course embracing successively the regions of India, Japan, China, and Central Asia, with particular regard to their history since the 17th century, their governments, and their relations with European powers. The culture, faiths, and sociology of existing nations in the Far East are here considered with a view of interesting those whose historical knowledge is confined to the Western world. The course is designed to stimulate further reading by students in special topics suggested by the instructor, upon which written essays will be presented and discussed. It also offers an opportunity for those contemplating missionary careers to acquaint themselves with the political and social condition of the more important foreign missionary fields.

59 *European Colonies in Asia and Africa.* 2 hrs.

Assistant Professor F. W. WILLIAMS.

The history of colonization as undertaken and systemized by European nations in modern times especially in regions already populated. In connection with the causes leading to the acquisition of colonies the development of the colonial administration of each of the great powers is treated in turn. The course will involve the investigation of special subjects assigned by the instructor and the critical discussion of brief theses written upon them.

60 *American History (Colonial).* 2 hrs.

Professor BOURNE.

This course will deal with the history of the American Colonies from the beginning of the discoveries until the end of the American Revolution. The nature and objects of colonies, the character and aims of the colonists, the political and social development of the colonial communities, and the causes of the Revolution will be the leading topics. The work of the course is based on Hart's *American History told by Contemporaries*, vols. i and ii.

61 *American History (National).* 2 hrs.

Professor BOURNE.

The Political History of the United States from the Revolution to the Civil War. The formation of the Union, the rise and growth of parties, the development of democracy, the influ-

ence of the westward expansion and of slavery on political life, and the origin and significance of the more important economic questions will be discussed. Lectures, outside reading and bibliographical practice.

62 *American History (Constitutional).* 2 hrs.

Professor C. H. SMITH.

An historical study of the Federal Constitution, mainly of the articles relating to the general government in its three departments, legislative, executive, and judicial. This course can be taken to best advantage in Junior year, either as an introduction to the Law Course in Senior year, or as a first course to be followed by the Constitutional courses of Senior year.

63 *American History (Recent).* [Seniors.] 2 hrs.

Professor C. H. SMITH.

Political and Constitutional History of the United States from the beginning of the Civil War to the present time. In its political features this is a continuation of the National course (Professor Bourne's) in Junior year. In its constitutional features, dealing mainly with the States in their federal relations, it is a continuation of course 60.

[*64 *American State Constitutions.* [Seniors.] 1 hr.

Professor C. H. SMITH.

An historical study of the State Constitutions in their origin and development.

Omitted in 1900–1901.]

IV. MODERN EUROPEAN LANGUAGES AND LITERATURES

COURSES IN THE ROMANCE LANGUAGES

*70 *Second-Year French.* 3 hrs.

Dr. McKENZIE.

Reading from standard French authors; a short course in French syntax accompanied by exercises in composition and oral practice. This course is open to students in any class who have had only one year of French.

*72 *Practice in writing and speaking French.* 2 hrs.

Mr. SANDERSON.

An advanced course in French grammar, translation and composition, conducted in French. Open to students who have had at least two years of French and can satisfy the instructor of their fitness.

*73 *French Literature in the xviith Century.* [Seniors.] 2 hrs.

Mr. SANDERSON.

A study of the intellectual and social life of France during the seventeenth century. As many of the masterpieces of the great classic writers, Corneille, Racine, Molière, Boileau, Bossuet, La Bruyère, etc., will be read in and out of class, as the time will allow. This course will be *conducted in French.*

[74 *Systematic Readings in the French Writers of the xixth Century.* 2 hrs.

Mr. SANDERSON.

Study of representative works beginning with V. Hugo and the French Romanticists and reaching as near the present day as time will allow. The reading will be in such order and accompanied by such comments and lectures as may give a clear view of French literary thought in our century. Open to students who have taken Sophomore French or the equivalent.

Omitted in 1900–1901.]

[*75 *French Literature of the xixth Century.* 3 hrs.

Mr. SANDERSON.

This course covers the same ground as course 74, but is conducted in French, all exercises, written and oral, being intended to impart a command of the language as well as a knowledge of the literature. Open to students who have taken Sophomore French with credit or can satisfy the instructor that they are qualified.

Omitted in 1900–1901.]

*76 *French Literature of the xvith Century.* 2 hrs.

Mr. SANDERSON.

A study of the revival of French letters which followed the Italian Renaissance and the Reformation. The course will begin with a brief survey of the linguistic facts pertaining to that period and continue with the study of the poets, Marot, Ronsard, etc., and of the prose writers, especially Rabelais and Montaigne.

This course will be *conducted in French*, and is primarily for graduate students, but it is open to Seniors who have taken previously at least one elective in French literature.

[*77 *French Literature of the xviiith Century.* 2 hrs.

Mr. SANDERSON.

First, a study of the writers who continue or modify the dramatic traditions inherited from the seventeenth century, Regnard, Marivaux, Voltaire, Diderot, etc.; but the main part of the course is devoted to a study of the evolution of French thought as manifested in the works and the influence of Montesquieu Voltaire, Diderot, J. J. Rousseau.

This course will be conducted in French, and is open to graduate students and such Seniors as have satisfactorily passed course 75.

Omitted in 1900–1901.]

78 *General View of French Literature.* 2 hrs.

Mr. SANDERSON.

Open to students who have taken Sophomore French or the equivalent. The object of this course is to afford students the opportunity of becoming acquainted with the principal masterpieces produced in France since the sixteenth century.

Ability to read French prose and verse rapidly is indispensable, as a large amount of reading will be required of students.

The written work will consist of summaries, reports, in English, of the books read, translations of selected passages, etc.

Students able to understand spoken French should take course 75, especially if they intend to carry on further their studies of French literature. The course will be *conducted in English.*

79 *General View of French Literature.* 3 hrs.

Mr. SANDERSON.

Open to students who have taken Sophomore French with credit or can satisfy the instructor that they are qualified. This course covers the same ground as course 78, but is *conducted in French*, all exercises, written and oral, being intended to impart a command of the language as well as a knowledge of the literature. Course 72—in addition to course 79—is recommended to students desirous of acquiring a greater familiarity with the French language.

80 *Spanish (elementary course).* 3 hrs.

Professor LANG.

In this course, stress will be laid on the acquisition of a good pronunciation and on such a mastery of the grammar as shall lead to a ready and accurate reading knowledge, which is the leading aim of the instruction.

Knapp's *Spanish Grammar;* Alarcon's *El Final de Norma* and Perez Galdós' *Doña Perfecta* will be used as text-books.

*81 *Spanish Drama of the xvith and xviith Centuries.* 2 hrs.

Professor LANG.

This is a literary course, open only to such students as have passed through course 80 or who shall satisfy the instructor of their fitness by passing a special examination, evidence of which, in writing, must accompany the choice of the course. Guillen de Castro's play *Las Mocedades del Cid* (edited by E. Mérimée, Toulouse, 1890) and *Select Plays of Calderon* (edited by Norman Maccoll, London, 1888) will be read, and lectures given on the origin and development of dramatic art in Spain.

[82 *Spanish Fiction of the xvith and xviith Centuries.* 2 hrs.

Professor LANG.

Study of the novel in the golden age of Spanish literature, based on the reading of selections from works of the sixteenth century, but especially on Cervantes' *Don Quixote* (edition of Garnier Hermanos, Paris, 1875).

In regard to admission to this course, see course 81.

Omitted in 1900–1901.]

83 *Italian (elementary course).* 3 hrs.

Mr. HOLBROOK.

This course is open to those who have had Sophomore French, or who shall otherwise satisfy the instructor of their fitness to take Italian. Stress will be laid on the acquisition of a good pronunciation and on such a mastery of the grammar as shall lead to a ready and accurate reading knowledge, which is the leading aim of the instruction.

Grandgent's *Italian Grammar* and Grandgent's *Composition;* Bowen's *Italian Reader;* Kuhn's edition of Edmondo de Amicis' *Cuore;* Baragiola's edition of Goldoni's *Burbero Benefico;* Pellico's *Francesca da Rimini;* Bianchi's edition of the *Vita di Benvenuto Cellini scritta da lui medesimo.*

*84 *Dante's Life and Works.* 1 hr.

Professor LANG.

This is a strictly literary course, open only to those who have passed through course 83, or who shall otherwise satisfy the instructor of their fitness to take it.

After some introductory lectures on Italian poetry previous to Dante, and its relations to the literatures of Provence and of France, the *Vita Nuova* and selections from the *Divina Commedia* will be read and explained.

Students will provide themselves with A. D'Ancona's edition of *La Vita Nuova* (2d ediz., Pisa, 1884), Fraticelli's edition of *La Divina Commedia* (Firenze, 1886) and Scartazzini's *Companion to Dante* in Butler's translation (London, Macmillan Co., 1893).

[*85 *Petrarch.* 1 hr.

Professor LANG.

This course will consist in a study of Petrarch's *Rime* and of his influence as the leader of the humanistic movement. Por-

tions of the *Rime* will be read and explained in class, and additional reading and study assigned to be done in private.

Students will provide themselves with G. Rigutini's edition of *Le Rime* di Francesco Petrarca (Milano, Hoepli, 1896) and T. Casini's *Le Forme metriche italiane* (2d ediz., Firenze, 1890).

Omitted in 1900–1901.]

COURSES IN THE GERMANIC LANGUAGES

86 *Second-year German.* 3 hrs.

Mr. H. A. FARR.

Reading of short stories, a comedy and selections from more difficult prose and poetry; practice in writing German; study of word-formation. Students who have already had one year of German, and wish to continue its study, will choose this course, which is open only to those who have taken elementary German in Freshman or Sophomore year, and to those who have passed the admission examination in German.

87 *Schiller, Works and Life.* 2 hrs.

Professor GRUENER.

Rapid reading of plays, poems, and prose writings of Schiller, with study of his life. The object of this course is to acquaint the student more fully with the vocabulary and style of standard German literature, and to present Schiller's character and influence as a writer and thinker. The course is open only to those who have previously had at least two years of German.

88 *Prose of Modern Historians and Critics.* 2 hrs.

Mr. FARR.

Rapid reading of selections from history, political writings, and literary criticism. The object of this course is to acquaint the student more fully with the historical and critical vocabularies and styles. The course is open only to those who have previously had at least two years of German.

89 *Scientific German.* 2 hrs.

Professor PALMER.

Rapid reading of extracts and monographs treating of subjects in natural science. The object of this course is to introduce the student to the more general vocabulary of modern scientific German. The course is open only to those who have previously had at least two years of German.

90 *German Composition and Conversation.* 3 hrs.

Mr. FARR.

For practice in speaking and writing. The course, conducted in German, is especially intended for those who look forward to teaching German and open to those only who have done superior work in German. Translation into German of narrative prose and of selections from history and literature; during the second term, also original essays; special topics are assigned for discussion in German. This course is not to be chosen without the previous advice and consent of the instructor.

91 *Goethe, Works and Life.* 3 hrs.

Professor PALMER.

Together with outline-study of Goethe's life and development in connection with his lyric poems, his early prose writings, and his principal dramas, particular attention will be given to Faust I and II, the later prose works and Goethe's important utterances in letters, journals and conversations. The course is open only to those who have previously had two years of German, and ordinarily would be taken best after three years of German.

[92 *Lyrics and Ballads.* 2 hrs.

Professor PALMER.

Reading of a large amount of representative German lyric and ballad poetry with critical study of characteristic features in different authors and periods. The text-books will be Buchheim's *Deutsche Lyrik*, Buchheim's *Balladen und Romanzen*, Busse's *Neuere Deutsche Lyrik*, White's *Deutsche Volkslieder*, Kinzel's *Walther von der Vogelweide und Des Minnesangs Frühling*. The course is open only to those who have previously had at least two years of German.

Omitted in 1900–1901.]

[93 *History of German Literature, 1624–1832.* 2 hrs.

Professor PALMER.

The development of German literature will be studied from the time of Opitz to Goethe's death. The text-books will be: Kluge's *Geschichte der deutschen National-Litteratur*, Scherer's *History of German Literature*, Max Müller's *German Classics*, and Hillebrand's *German Thought from the Seven Years' War to Goethe's Death*. The course is open only to those who have previously had at least two years of German, and ordinarily would be taken best after three years of German.

Omitted in 1900–1901.]

*94 *Introduction to Germanic Philology.* 2 hrs.

Professor PALMER.

A course introductory to the general study of Germanic philology, dealing with its history, methods, fields and fundamental facts. The basis of the work will be Paul's *Grundriss der Germanischen Philologie*, of which portions will be read, discussed and supplemented by informal lectures.

*95 *Gothic.* 2 hrs.

Professor PALMER.

An introductory course, especially for those intending to study German or English historically, in the study of Gothic and its phonological relations both to earlier Indo-Germanic and to later Germanic languages. Braune's *Gotische Grammatik*, or Streitberg's *Gotisches Elementarbuch*, Heyne's *Ulfilas*, Streitberg's *Urgermanische Grammatik*, and Henry's *Comparative Grammar of English and German*.

[*96 *Old High German.* 3 hrs.

Professor PALMER.

A rather detailed course in the oldest High German dialects and literature. Braune's *Althochdeutsche Grammatik* and *Althochdeutsches Lesebuch* and the collateral literature for reference.

Omitted in 1900–1901.]

*97 *Old Saxon (Low German).* 2 hrs.

Professor PALMER.

A rather detailed course in grammar and study of the *Hêliand* and the lesser monuments. Holthausen's *Altsächsisches Elementarbuch* and Behaghel's *Hêliand* with all the important literature of the subject available for reference.

*98 *Middle High German.* 3 hrs.

Professor GRUENER.

Hartmann; *Der arme Heinrich* and *Iwein*. *Nibelungenlied*. Selected poems of Walther von der Vogelweide. Selections from Wolfram von Eschenbach's *Parsival*. Lectures and papers.

[*99 *German Literature of the Reformation-Period (1500–1624).* 3 hrs.

Professor GRUENER.

The development of German literature will be studied from the beginning of the Reformation to the time of Opitz. Characteristic works of the important writers of the period are read, chiefly for literary purposes, though also with reference to the political, social, and religious conditions of the times.

Omitted in 1900–1901.]

*100 *Old Norse (Icelandic).* 3 hrs.

Dr. ANDREEN.

Grammar, and reading in the Sagas and the Elder Edda.

[*101 *Germanic Mythology.* 2 hrs.

Dr. ANDREEN.

A course of studies in the mythology of the Germanic race, based on the earliest Scandinavian, German and English literatures and on collateral sources.

Omitted in 1900–1901.]

102 *History of Swedish Literature to 1718.* 2 hrs.

Dr. ANDREEN

The development of Swedish literature will be traced in connection with Schück's *Svensk Litteraturhistoria* and selections from the works of the leading authors studied. This course is intended only for those who already have a good reading knowledge of Swedish.

[103 *History of Modern Norwegian Literature.* 2 hrs.

Dr. ANDREEN.

This course will be based on Jaeger's *Den Norske Literaturs Historie*. Leading works of Björnson and Ibsen will be the subject of special study. This course is open only to those who already have a good reading knowledge of Norwegian.

Omitted in 1900–1901.]

104 *Norwegian and Danish.* 2 hrs.

Dr. ANDREEN.

The object of this course is to lay the foundation for a reading and practical knowledge of the language. Together with the

study of the grammar, there will be read selections from the writings of modern authors.

[105 *Swedish.* 2 hrs.

Dr. ANDREEN.

The object of this course is to lay the foundation for a reading and practical knowledge of the language. Together with the study of the grammar, there will be read selections from the writings of modern authors.

Omitted in 1900–1901.]

COURSES IN ENGLISH

106 *Rhetoric (twelve essays).* [Juniors.] 2 hrs.

Assistant Professor BALDWIN.

Systematic practice in any prose form (except that of argumentation): e. g., (1) expository essays in connection with the research required for other elective courses; or (2) reviews and popular exposition; or (3) studies in narrative; or (4) daily themes; or (5) two or three of these forms in succession; lectures on style and on prose forms, especially narrative forms; regular appointments for criticism.

107 *Rhetoric (six essays).* [Seniors.] 1 hr.

Assistant Professor BALDWIN.

Lectures on the greater English essayists, with class study; essays in criticism. This course is open only to those who have completed course 106 or course 108.

108 *Rhetoric (twelve essays).* [Juniors.] 2 hrs.

Mr. C. W. WELLS.

Essays and lectures in argumentation; analysis of famous speeches; subsidiary practice in research and debate; regular appointments for criticism.

*109 *Verse Composition.* 1 hr.

Professor LEWIS.

A study of the principles of English versification, with weekly or fortnightly practice in composition. The purpose of this

course is partly to familiarize the student with the chief varieties of English verse and stanza (such as blank verse, heroic verse, the sonnet, etc.), and partly to give him the added command of language that results from practice in difficult forms.

*110 *Theories of Poetry.* [Seniors.] 2 hrs.

Professor COOK.

A course in the theories of poetry in general, and in the principles of criticism applicable to its various departments, as the epic, dramatic, and lyric. Discussions and papers on the basis of standard works, such as Aristotle's *Poetics*, Sidney's *Defense of Poesy*, Woodbridge's *The Drama*, Boileau's *Art of Poetry*, Lessing's *Laokoon*, and others of similar character. Reading of masterpieces to illustrate and extend the principles derived from theoretic works.

111 *Aspects of the Drama.* 2 hrs.

Professor BEERS.

A course in different types and classes of English drama, from Shakespeare to the present day; with incidental treatment of foreign plays. The instruction will be half by lecture, and half by recitation work.

112 *English Lyrical Poetry.* [Seniors.] 2 hrs.

Dr. REED.

A lecture course, with brief papers on the assigned reading, on the origin and development of the English lyric from Skelton to the present day. Among the many authors to be read are Wyatt, Sidney, Spenser, Shakespeare, Campion, Donne, Jonson, Carew, Crashaw, Suckling, Herrick, Marvell, Prior, Gay, Burns, Blake, and Shelley.

[113 *Theory of the English Drama.* [Seniors.] 1 hr.

Dr. TAYLOR.

A study of the technique of English dramatic art from 1660 to the present time. Lectures, discussions, and frequent papers on the basis of a reading of typical stage-plays.

Omitted in 1900–1901.]

114 *Old and Middle English.* 2 hrs.

Professor Cook.

An elementary course in the beginnings and earlier development of the English language and literature. Reading is begun at the earliest practicable moment, and the study is made as literary in character as is consistent with a thorough grounding in the rudiments of the language. This course, while it is indispensable to all graduate students and future teachers of English, and will also be of service to students of English history and of the English Bible, is designed as well for those who, in the pursuit of general culture, are unwilling to remain ignorant of the foundations of the English language and literature.

*115 *Dante in English.* [Seniors.] 2 hrs.

Professor Cook.

A course primarily in the *Divina Commedia* and the *Vita Nuova*. Two or three of the best English translations will be employed, together with such reference books as may be necessary.

116 *Chaucer.* 2 hrs.

Professor Beers.

The greater part of the *Canterbury Tales* will be read, together with *Troilus and Criseyde* and other fourteenth century verse illustrative of Chaucer.

[117 *Elizabethan Drama.* 2 hrs.

Assistant Professor W. L. Phelps.

The English drama, from the mystery plays to the closing of the theatres in 1642, studied from both the literary and the dramatic point of view. Plays of the pre-Elizabethan period are read and briefly discussed, with the object of getting a historical background. Some plays of all the principal dramatists from 1580 to 1640, except Shakespeare, will be read: Marlowe, Ben Jonson, Dekker, Heywood, Chapman, Middleton, Beaumont and Fletcher, Webster, Ford, Massinger, Shirley. As a rule, one play will be read for each lesson.

The method of instruction in this course will be by lectures; but a weekly one-page critical theme will be required of each student in the class.

Omitted in 1900–1901.]

*118 *English Prose.* [Juniors.] 2 hrs.

Dr. REED.

The first half of the course will be devoted to a study of prose, other than fiction, from Sidney to Johnson. Among the authors to be read are Bacon, Browne, Walton, Addison, Swift, and Johnson.

The second half of the course will be given to a study of fiction, from the Elizabethan romances to Jane Austen. Among the authors to be read are Lyly, Lodge, Overbury, Defoe, Richardson, Fielding, Sterne, Mrs. Radcliffe, Miss Edgeworth, and Jane Austen.

119 *Milton and his Contemporaries.* [Seniors.] 2 hrs.

Professor BEERS.

The subject will be treated with special reference to the political and religious conflict of the times. All of Milton's English verse will be read, a few of his Latin poems, and much of his prose. The work of the Church poets and Cavaliers will be examined, as also various diaries and memoirs, and portions of the writings of Fuller, Clarendon, Butler, etc.

*120 *English Literature of the Seventeenth Century.* [Seniors.] 2 hrs.

Assistant Professor W. L. PHELPS.

A rather minute study of English poetry and prose from Donne to Dryden. The poetry of Donne, Drummond, Herbert, Crashaw, Vaughan, Quarles, Carew, Suckling, Herrick, Cowley, Milton, Waller, Marvell, Butler, and Dryden will be read; also the prose of Burton, Browne, Taylor, Pepys, Fuller, Walton, Clarendon, Milton, Bunyan, and Dryden. The social life of the times will also be discussed.

121 *American Literature.* 1 hr.

Assistant Professor W. L. PHELPS.

A critical study of leading American authors for the past hundred years, beginning with Franklin, and coming down to the men of to-day. A large amount of reading will be required; also a weekly one-page critical theme from each member of the class.

122 *English Romanticism in the Nineteenth Century.* [Seniors.] 2 hrs.

Professor BEERS.

A lecture course, with frequent examinations and assigned reading, in the history of the subject from Walter Scott to William Morris.

123 *English Poets of the Nineteenth Century.* [Juniors.] 2 hrs.

Professor LEWIS.

A course of lectures, biographical and critical. A considerable amount of reading will be assigned, and short papers will be written by the class at each exercise. The course will include Wordsworth, Coleridge, Byron, Shelley, Keats, Tennyson, Browning, Rossetti, Clough, Arnold, Swinburne, and a few others.

124 *Tennyson and Browning.* 2 hrs.

Assistant Professor W. L. PHELPS.

The autumn term will be occupied with the study of Tennyson. Practically all of his poetry will be read. His theory of the poet's art, his skill in technique, his artistic expression, and his representation of nineteenth century ideas, will be studied in detail.

After Christmas, the complete works of Browning will be taken up, only those being omitted which are unnecessary in forming a general estimate of his work as a poet. His personal force, his growth, his attitude toward his art, and his place in nineteenth century poetry will be considered; but the chief attention will be paid to his analysis of human life and character.

The instruction in this course will be by means of recitations, discussions, and the preparation of short special papers by the students.

COURSES IN RUSSIAN.

330 *Elementary Russian.*

Mr. WOLODARSKY.

The first term will be given to the study of the elements of the language in connection with the reading of short stories by modern writers.

The second term will be given to the study of syntax in connection with the reading of one of Turgenev's works.

331 *Advanced Russian.*

Mr. WOLODARSKY.

A general course in Russian Literature in connection with the reading of a historical chrestomathy and with sight-reading in "On the Eve" by Turgenev and in "Master and Man" by Tolstoi.

V. ANCIENT LANGUAGES AND LINGUISTICS

125 *Homer, Theocritus, and the Lyric Fragments.* 2 hrs.

Professor SEYMOUR.

Parts of the *Iliad*, twelve idylls of Theocritus, and the principal fragments of Greek lyric poetry are read rather rapidly, with more attention to their characteristics as literature than to specially linguistic and grammatical questions.

126 *Plato and Aristotle.* 2 hrs.

Professor SEYMOUR.

(*a*) The *Phaedo* of Plato, with an introduction to the literary and philosophical study of this author.

(*b*) The *Nicomachean Ethics* of Aristotle, Books i–iv and x, with a study of Aristotle's methods of research and statement.

[127 *Aeschylus and Pindar.* 2 hrs.

Professor SEYMOUR.

The *Persians* and *Prometheus* of Aeschylus, with special attention to the historical element in the *Persians*, as well as to the dramatic structure of the two plays.

The principal extant odes of Pindar are read, and a sketch of Greek lyric poetry is given.

Omitted in 1900–1901.]

[128 *Plato.* 2 hrs.

Professor SEYMOUR.

The *Gorgias* and several of the minor dialogues are read, chiefly with reference to the characteristics of Plato's literary style and the form of the dialogue, but without neglecting entirely the Platonic philosophy.

Omitted in 1900–1901.]

[129 *Greek Testament.* 1 hr.

Professor SEYMOUR.

A philological study of St. Paul's *Epistles to the Corinthians*, and the chief characteristics of the Hellenistic diction.

Omitted in 1900–1901.]

*130 *Sophocles.* 3 hrs.

Professor GOODELL.

Reading of the seven extant plays with special attention to the artistic form, including style, treatment of the myths, management of the action, use of metres, and the like. A brief introduction to Greek rhythmic and metric will be given by lectures. Intended for Graduates and specially qualified Juniors and Seniors.

[131 *Lucian.* 2 hrs.

Professor REYNOLDS.

A general reading course in prose, with discussion of the life and times of Lucian and of his influence upon modern literature. The *Dream*, *Charon*, *Timon*, *Angler*, and *True History* will be read, with many minor pieces, including the *Dialogues of the Gods* and *Dialogues of the Dead.* The Teubner text will be used together with Williams's *Selections from Lucian.*

Omitted 1900–1901.]

132 *Homer.* 2 hrs.

Professor REYNOLDS.

Reading of the entire Odyssey. This course is intended for the general student of literature.

133 *Euripides.* 2 hrs.

Professor REYNOLDS.

A reading-course with reference to Euripides's poetic and dramatic quality. Five or six plays will be read. Discussion of the poet's relation to his own times, his style, metres, dramatic innovations, and influence on the Roman and the modern dramatists, with occasional lectures.

134 *Greek Composition and Sight Reading.* 2 hrs.

Professor REYNOLDS.

Alternate exercises in composition and in the translation at sight of selections from Xenophon. The course is designed especially for those who intend to teach.

135 *The Athenian Drama (Sophomore Course).* 3 hrs.

Professors PERRIN and REYNOLDS.

The *Seven against Thebes* of Aeschylus, the *Antigone* of Sophocles, the *Medea* of Euripides, and the *Frogs* of Aristophanes will be read in class, and possibly other plays assigned for private reading. A course of ten or twelve lectures will be given on the Greek Theater, on the origin, evolution and history of the Greek Drama, and its influence on subsequent dramatic literature.

In reading these plays, special emphasis will be laid on their analysis as works of literary art, on the myths which they presuppose and develop, on poetic words, forms, dictions, rhythms, and constructions. Grammatical questions will be discussed only when they are important for the interpretation and illustration of the thought.

[136 *Greek and Roman Architecture.* 1½ hrs. to count as 1 hr.

Dr. HEERMANCE.

A study of the several types of Greek and Roman building construction in their historical development. Informal lectures to be supplemented by reports on assigned topics.

Omitted in 1900–1901.]

[*137 *Monuments and Topography of Athens and Attika* — *Pausanias*, Bk. i. 1½ hrs. to count as 1 hr.

Dr. HEERMANCE.

Lectures and reports. A reading knowledge of French and German is required for this course.

Omitted in 1900–1901.]

138 *Modern Greek.* 1 hr.

Mr. DICKERMAN.

A practical introduction to the subject, using A. Thumb's *Handbuch der neugriechischen Volkssprache* as outline, with some reference to other manuals. Particular attention will be given to the colloquial language.

*139 *Greek Epigraphy.* 2 hrs.
Mr. DICKERMAN.

a. The local alphabets and the more important inscriptions written in them.

b. Attic inscriptions, selected for their historical or antiquarian interest.

COURSES IN LATIN

140 *Tacitus (Annales*, i–vi), *Suetonius (Augustus and Tiberius), and Velleius Paterculus.* 2 hrs.
Professor PECK.

The character and reign of the Emperor Tiberius. Characteristics of "Silver" Latin.

141 *Roman Satire.* 2 hrs.
Professor PECK.

Readings in Ennius, Lucilius, Horace, Persius, and Juvenal.

142*a* *Early Latin.* 2 hrs.
Professor PECK.

Study of early inscriptions and literature, based largely on Allen's *Remnants*, Merry's *Fragments*, and Smith's *Selections*.

[142*b* *Latin Inscriptions.* 2 hrs.
Professor PECK.

Such inscriptions will be studied as illustrate the history of the Latin language and Roman private antiquities.

Only such undergraduates can take this course as have done superior work in Latin.

Omitted in 1900–1901.]

[143 *The Letters of Pliny and Cicero.* 2 hrs.
Professor PECK.

In this course prominence will be given to the study of Roman private antiquities.

Omitted in 1900–1901.]

[144 *Hexameter Poetry.* 2 hrs.
Professor PECK.

Development of poetic forms and styles in Latin, with studies in Ennius (the Annals), Lucretius, Vergil (the Georgics), and Horace (the Epistles).

Omitted in 1900–1901.]

[145 *Cicero (Brutus), Quintilian (*x *and* xii*), and Tacitus (Dialogus).* 2 hrs.

Professor PECK.

Omitted in 1900–1901.]

[146 *Roman Archaeology.* 1 hr.

Professor PECK.

This course is open only to those undergraduates who have done superior work in Latin.

Omitted in 1900–1901.]

[147 *Latin Lyric Poetry.* 2 hrs.

Professors H. P. WRIGHT and INGERSOLL.

Books iii and iv of the *Odes* of Horace; selections from Catullus; Latin Hymns.

Omitted in 1900–1901.]

148 *Latin Epigram and Comedy.* 2 hrs.

Professors H. P. WRIGHT and INGERSOLL.

Selections from Martial, with special reference to a study of the private life of the Romans.

Plautus—three or four plays, with study of literary history, form, and influence.

[149 *Vergil.* 2 hrs.

Professor MORRIS.

An introduction to Vergil, intended to give students who may expect to teach Latin an acquaintance with the best editions and commentaries and with works on special topics, the Life of Vergil, the Aeneas legend, Vergil's relation to Greek poets and to earlier Roman poetry, mythology, Vergil in the Middle Ages. Parts of the text will be carefully interpreted and other parts will be translated and compared with English versions, and there will be practice in metrical reading.

Omitted in 1900–1901.]

150 *Cicero.* 2 hrs.

Professor MORRIS.

An introduction to the orations of Cicero, dealing chiefly with the structure of the speeches and their historical interpretation, and similar in purpose to course 149.

151 *Horace, Cicero, Terence (Sophomore Course).*
Professor MORRIS.

The *Odes of Horace*, Books i and ii, will be studied, with illustrations from the Greek and the English lyric, and with some comparison of English verse translations. *Cicero's Letters* will be read, and selected letters will be edited with historical notes by members of the class. The books necessary for this work will be placed in the Reading Room. One play of *Terence* will be studied with reference to the dramatic form and the manner of presentation on the stage, and the other plays, if time allows, will be rapidly read.

[152 *Roman Law.* 2 hrs.
Assistant Professor INGERSOLL.

This course is intended to benefit those who desire an insight into Roman law as part of a liberal education as well as those who contemplate the study of law as a profession.

Omitted in 1900–1901.]

*153 *Practice in the Writing of Latin.* 1 hr.
Professor OERTEL.

This course is intended for advanced students in Latin and should be taken only by those who have taken Dr. Wheeler's course or its equivalent.

*154 *Latin Grammar.* 2 hrs.
Professor OERTEL.

A resumé of the chief results of the modern comparative treatment of Latin sounds and inflections. Lindsay's *Latin Language*, 1894, should be in the hands of the students and considerable collateral reading in Brugmann's *Griechische Grammatik* (in Iwan Mueller's Handbuch, vol. i, part 1, 1899, third ed.), V. Henry's *Short Comparative Grammar of Greek and Latin* (Engl. transl., Macmillan), and Bechtel's *Hauptprobleme der indogermanischen Lautlehre*, 1892, will be required. Some knowledge of Sanskrit is very desirable.

*155 *The Italic Dialects.* 2 hrs.
Professor OERTEL.

After a brief survey of the peoples and languages of ancient Italy, the Oscan and Umbrian inscriptions will be read and interpreted, together with a systematic exposition of the Phonology and Morphology of the Italic dialects.

156 *Latin Literature.* 2 hrs.

Assistant Professor INGERSOLL.

A general survey of the whole field, aiming to trace the rise and subsequent development of the various kinds of prose and verse among the Romans, both as to form and as to subject, and to characterize the several periods of the literature in the light of the changing conditions under which the development took place. Lectures, illustrative readings, and direction of the student's private reading. Designed especially for those who wish to take their bearings in preparation for special work in this department, and for those who, while their chief interest lies in other departments of study, desire to get a general notion of the range and leading characteristics of a literature in which their previous reading has been more or less desultory.

COURSES IN SANSKRIT, LINGUISTICS, AND COMPARATIVE PHILOLOGY

*161 *Elementary Sanskrit.* 2 hrs.

Professor HOPKINS.

Instruction in Sanskrit, beginning with Whitney's *Sanskrit Grammar*, and passing on to Lanman's *Reader*. Exercises in composition.

[162 *Introduction to Comparative Syntax.* 1 hr.

Professor HOPKINS.

For this course a knowledge of Sanskrit is desirable but not necessary, and it may be taken by any classical student.

Omitted in 1900–1901.]

*163 *Linguistics.* 2 hrs.

Professor OERTEL.

A discussion of the general principles and chief problems of linguistic science, such as sound-change, the causes of change of meaning, the fundamental facts of syntax, the relation of grammar to logic, the origin of language, the relation of linguistics to ethnology, etc. H. Paul's *Principles of the History of Language* (English translation, Macmillan) is used as a text-book, and the separate topics are critically examined. The course will be conducted largely by lectures, but will require some outside reading and occasionally the preparation of abstracts of articles, etc. The course is intended as a general introduction to the Science of Language, and no knowledge of Sanskrit is necessary for it.

VI. BIBLICAL LITERATURE

170 *Hebrew (elementary course).* 2 hrs.

Dr. MOULTON.

A study of the elements of the Hebrew language in connection with the reading of Genesis i–viii and of selected passages of easy Hebrew.

171 *Hebrew (advanced course).* 2 hrs.

Dr. PATTON.

A course which continues course 170 and carries the student as far as the first year of Hebrew in a theological seminary. It will include a thorough review of the grammar, and the careful reading of the books of Samuel and of portions of the Minor prophets. In the second term two hours of sight reading will count as one of these hours.

175 *Arabic (elementary course).* 2 hrs.

Dr. PATTON.

The elements of Arabic grammar, including exercises in writing. Rapid reading of easy prose extracts. The text books used will be Socins' *Grammar* and Brünnow's *Chrestomathy.*

This course affords a thorough introduction to classical Arabic. It is valuable to one interested in thorough Semitic study or to one interested in Comparative Religion, and is only moderately difficult for one who has already studied Hebrew.

176 *Assyrian (elementary course).* 2 hrs.

Professor SANDERS.

The aim of the course is to give the student a good introduction to the Assyrian language and literature. Special attention will be given to practice in reading both cuneiform and transliterated texts. Text books used will be Lyon's *Assyrian Manual* and Delitzsch's *Lesestücke*, 4th edition (1899).

NOTE.—The hours assigned for courses 175 and 176 can be changed if necessary.

177 *General Introduction to Semitic Philology.* 1 hr.

Dr. PATTON.

A general view of the Semitic languages and peoples, including a brief survey of their literatures. No special knowledge of the Semitic languages, beyond an elementary knowledge of Hebrew, is required for the course.

180 *Biblical Literature (Pre-exilic).* 2 hrs.

Professor SANDERS.

A constructive survey of the Old Testament as history and literature to the Babylonian exile, 586 B. C., each book being considered, as far as possible, in its appropriate chronological connection. The history of the Hebrew people is treated both as an integral part of Western Asiatic history and as a history of religious development. The course aims to promote (1) a thorough but general familiarity with the contents of the English Old Testament, (2) a realization of the significance of Hebrew history, (3) an appreciation of the Bible as a noble literature and (4) an intelligent attitude towards many problems raised by Biblical criticism. Nearly two-thirds of the Old Testament is covered in the course of the year.

[181 *Biblical Literature (Post-exilic).* 2 hrs.

Professor SANDERS.

A survey of Biblical history and literature from the period of the exile, 586 B. C., to the close of the first Christian century, including the books of the Old Testament not considered in course 180, some apocryphal literature, and the whole of the New Testament. This course is complete in itself, while, with course 180, it covers the whole Bible, and the whole range of Asiatic history down to the Roman domination, as far as it relates to Biblical history.

Students in both courses have access to a carefully selected reference library and to much illustrative material.

[182 *Israelitish Institutions.* 1 hr.

Professor SANDERS.

A study of the growth of the Israelitish people as a nation, from the institutional point of view, tracing the origin, history and final form of social, political and religious usages, and determining their significance. Course 180 or a fairly good general knowledge of the Old Testament is presupposed for all who elect this course.

Omitted in 1900–1901.]

[183 *Old Testament Prophecy (English).* 1 hr.

Professor SANDERS.

The rapid but thorough study of the prophetic literature of the Old Testament, chronologically arranged, stress being laid

upon the distinctive message of each prophet for his own age, on the contribution of each to constructive religious thought and on the gradual attainment of permanent religious ideas and ideals.

Omitted in 1900–1901.]

[184 *Studies in the Gospels (English).* 1 hr.

Dr. MOULTON.

A survey of the characteristics of the Gospels which throw light on their origin and interpretation, followed by a study of their distinctive contents, especially the parables of Jesus.

[185 *The Pauline Epistles.* 1 hr.

Dr. MOULTON.

A detailed study of the principal epistles of Paul, taken in the probable order of writing.

Omitted in 1900–1901.]

[186 *Maccabean History and Literature.* 1 hr.

Dr. MOULTON.

A survey of the history and literature of the period from the death of Alexander the Great, 323 B. C., to the conquest of Palestine by Pompey, 63 B. C.

Omitted in 1900–1901.]

VII. THE FINE ARTS

190*a* *Drawing.* [Juniors.] 2 hrs.

Professor NIEMEYER.

This course consists of two exercises a week, of two hours each, in drawing from the antique and from life, and also in sketching from nature out of doors. Exercises in original composition are required from time to time. It is the aim of this course to teach the fundamental principles of Art, and to make the student familiar with the use of pen and pencil.

The work in drawing is supplemented by lectures in Linear Perspective and the analysis of the muscular movements of the human body as expressed in the external forms.

To those who are interested in Art only as part of a liberal education, as well as to those who wish to make Art in any form a profession, this course is equally adapted. Each student's work and progress is independent of every other's in the class. Work done outside of the class-room is encouraged and carefully considered when brought for criticism.

No previous knowledge of drawing is necessary to enter this course.

190*b* *Architecture.* [Seniors.] 2 hrs.

Professor NIEMEYER.

This course is adapted to students who wish to prepare themselves to enter a school of architecture or an architect's office.

It consists in lectures on the styles in architecture, and the historical development of ornament in its artistic significance. The study is principally by means of free-hand drawing with pen and brush, although instruments are used when necessary, and the conventional shades and shadows are carefully constructed.

A written examination on the chapters of Dr. Reber's History of Ancient Art relating to Greek Architecture, will be held about the middle of the second term.

This course follows 190*a*, which must be taken first. A satisfactory equivalent will however be accepted.

191 *Painting.* [Seniors.] 2 hrs.

Professor WEIR.

This course consists of two exercises a week, of two hours each, and is open only to those who have taken course 190 in their Junior year. The course consists principally of studies in Water-Color Painting, and includes lectures on the Grammar of Art, on Painting, Sculpture, and Architecture, technically considered, with a critical account of the various Schools and their representative Masters. The lectures are fully illustrated by the use of the hydro-oxygen lantern.

192 *Modeling.* [Seniors.] 2 hrs.

Professor WEIR.

Two exercises a week, of two hours each. This course is open only to those who have taken course 190 in their Junior year. The course consists in modeling from the antique and from the living figure, and is supplemented by the lectures given in course 191.

VIII. PHYSICAL AND NATURAL SCIENCE

COURSES IN PHYSICS

200 *Physics.* 3 hrs.

Professor DANA.

A general course, taking up first the properties of Liquids and Gases, then the subjects of Heat, Electricity, Sound, and Light; with class-room illustrations. Open to those who have not already done similar work in Junior or Sophomore year. The course is conducted in connection with the Sophomore Physics. It must be taken by all who desire to go on later with the courses in Laboratory Physics (202, 203).

*202 *Physics.* 4 hrs., *to count as 2 hrs.*

Professor A. W. WRIGHT.

Two exercises each week, chiefly practical work in the Sloane Physical Laboratory, with measurements, especially in heat, light, and electricity, each exercise occupying two hours. As introductory to the laboratory practice, the exercises during a portion of the first term consist of recitations or discussions upon the theory and methods of physical measurements, the use of instruments, and other special topics. Laboratory facilities are also freely accorded to students of the course at other times than those of the stated exercises.

The successful prosecution of this course requires practical facility in the application of the Physics and Mathematics of the previous years, the lack of which may be made a reason for exclusion from the course.

203 *Physics.* [Seniors.] 3 hrs., *to count as 2 hrs.*

Professor A. W. WRIGHT.

A more advanced course of laboratory work in Physics, in continuation of course 202, and open only to those who have already pursued that course.

This course will consist of one laboratory exercise of two hours each week on Wednesdays, and one exercise of one hour each week on Thursdays. The latter will be in the nature of a recitation, discussion, or conference, with the use of some text-books, and will involve the theoretical study of special points of Physics in detail.

The course includes practical problems in physical experimentation of more elaborate character, and worked out with greater detail. Those students who make sufficient advance will be encouraged to undertake original investigations, in which they will receive necessary assistance and guidance, and will have free use of the resources of the Sloane Physical Laboratory.

For courses in Mathematical Physics see IX.

COURSES IN CHEMISTRY

210 *Inorganic Chemistry, Experimental and Descriptive.* 6 hrs., *to count as 3 hrs.*

Professor GOOCH, Assistant Professor BROWNING and Dr. I. K. PHELPS.

Lectures, laboratory work and written exercises. An introduction to elementary chemical theory, the use of symbols and equations, and the study of the elements and their compounds. While elementary and fundamental in character, this course is probably sufficient for the needs of those who desire merely a very general knowledge of the facts and methods of chemistry. It is a prerequisite to the other courses in Chemistry, and to the course in Biology (241).

211 *Qualitative Chemical Analysis.* 5 hrs., *to count as 3 hrs.*

Assistant Professor BROWNING.

Laboratory practice in the ordinary processes of qualitative analysis, with lectures. This course is of special importance to those who intend to study medicine, engineering, or the technical professions in general, or who desire to teach elementary science. It is open to those who have completed course 210.

212 *Organic Chemistry.* 4 hrs., *to count as 2 hrs.*

Professor GOOCH and Dr. I. K. PHELPS.

An introduction to the study of the compounds of carbon. Lectures with laboratory work. This course is a desirable adjunct to courses 210 and 211 for those who purpose to become students of medicine or of applied chemistry, or who have a special interest in chemistry. It is open to those who have completed course 210.

213 *Quantitative Chemical Analysis.* 6 hrs., *to count as 3 hrs.*

Professor GOOCH.

Laboratory practice in the use of the simpler methods of gravimetric and volumetric quantitative analysis. This course is intended chiefly for those who wish to study exact methods of manipulation and treatment with a view to the application of analysis to scientific or practical ends. It is open to those who, having completed course 210, have either taken course 211 previously or propose to take it at the same time.

[214 *Chemical Theory.* 1 hr.

Professor GOOCH.

This course is primarily for graduates, but it is also open by permission to undergraduates who specialize in chemistry. It is devoted to the study and discussion of the general principles and theories of chemistry. There is no laboratory work, and therefore no fee is charged.

This course, given in alternate years, will be omitted in 1900–1901.]

COURSES IN GEOLOGY AND MINERALOGY

220 *Geology A.* 2 hrs.

Dr. H. E. GREGORY.

A course of lectures on the general principles of the science of geology, supplemented by the use of a text-book, and illustrated by lantern views.

The first half-year will be devoted to discussion of the materials and structure of the earth, and the operation of the forces by which its present condition has been attained; the second half-year to historical and stratigraphical geology studied chiefly from a geological standpoint.

Students intending to elect this course in their Junior or Senior year, should elect one or both of the elementary courses in Chemistry and Physics in their Sophomore year.

*221 *Geology B.* 3 hrs.

Dr. GREGORY.

Like course 220 with the addition of field excursions and laboratory to average two hours per week, and the course to count as three hours. Special registration will be required for this course.

[*222 *Geological Biology.* [Seniors.] 2 hrs.

Professor H. S. WILLIAMS.

In this course historical geology will be studied from the biological point of view. Instead of following the ordinary method of treatment of historical geology, organisms will be the chief objects of study, and their nature, succession, relations to environment, ancestry, and time, and the principles of organic evolution in their geological relations, will be examined. Those wishing to make a more practical study of the subject may elect two hours additional for laboratory work. Instruction will be given by lectures, reading, and preparation of essays. Open only to those who have taken course 220 or its equivalent.

Omitted in 1900–1901.]

*225 *Mineralogy and Crystallography.* [Seniors.] 2 hrs. *to count as 1 hr.*

Professor DANA.

Practical study of mineral species by means of blowpipe analysis and other methods; also, mathematical study of the forms of crystals. Additional opportunity will be given to those desiring it to gain facility in the determination of minerals.

226 *Physical Geography.* 3 hrs. 1st half year.

Dr. GREGORY.

A course of lectures on the elements of Physiography. The time will be largely occupied with a study of the land—mountains, rivers, plateaus, etc.; but the atmosphere and the ocean will also receive attention. Two points will be kept in view; first, the history and development of land forms into their present condition as natural scenery, and second, the effect of territorial features and climate upon the human race.

Assigned readings and occasional excursions may be required.

COURSES IN BOTANY AND FORESTRY.

236 *Botany.* 3 hrs. 2nd half year.

Dr. EVANS.

An elementary course in the botany of flowering plants. Laboratory work and recitations. The plant and its various organs are studied with respect to their form, structure, and functions, and special emphasis is laid on the relationships of a plant to its environment.

*237 *General Morphology of Plants.* [Seniors.] 4 hrs. *to count as 2 hrs.*

Dr. EVANS.

Laboratory work and informal lectures. Beginning with the simplest forms, the various groups of plants are taken up in suitable types, and their structure, development, and mode of life are studied and compared. The course is limited to those who can show a satisfactory knowledge of the botany of flowering plants.

238 *Outlines of Forestry.* 3 hrs. 1st half year.

Professors GRAVES and TOUMEY.

This course is designed to give a comprehensive view of forestry with special reference to its economic aspects. It considers the purpose and scope of forestry, its importance in national economy, the indirect influence of forests, the relation of the State to forests and forestry, the need for forestry and its practice in the United States.

This course may be followed by 308 (Surveying).

240 *Physiology.* [Juniors.] 1 hr.

Professor CHITTENDEN.

Huxley's *Lessons in Elementary Physiology*, with occasional lectures and illustrative experiments. This course is limited to those who take course 210, and is designed as a preparation for courses 241*a* and *b* of Senior year, *and is open only to those intending to take these courses*:

241 *Elementary Anatomy, General Biology, and Physiological Chemistry.* [Seniors.] 4 hrs.

This course is open only to those who have taken courses 210 and 240 in Junior year.

First term : *Elementary Anatomy and General Biology.*

Professor S. I. SMITH.

Four exercises a week, of a minimum of two hours each. Laboratory work and informal lectures. The time is devoted principally to dissections of the frog, and work with the microscope on the lower plants and animals and vertebrate histology, with special reference to the rudiments of biology and the elements of the morphology of animal tissues. The student is required to make microscopical preparations, keep careful records of his work, and pass frequent examinations.

Second term: *Physiological Chemistry.*

Professor CHITTENDEN.

Four exercises a week, of a minimum of two hours each, in the laboratory of physiological chemistry. The time is devoted mainly to a study of the chemistry of the connective, contractile, and nervous tissues, of the chemical processes of salivary, gastric, and pancreatic digestions, and of other subjects connected with the physiology of nutrition and the chemistry of the excretions.

A course of lectures by Professor Chittenden on Experimental Toxicology (Tuesday, Thursday, and Saturday, 8.10 A. M.) is also open to students in the above course.

A laboratory fee is charged for course 241. The student in addition must bear the expense of gas, flasks, etc., which should not exceed ten dollars.

243 *Anatomy.* [Seniors.] 2 hrs.

Professor FERRIS.

A general course in Human Anatomy adapted to the demands of students in biology. The subject is approached from the standpoint of embryology and comparative morphology.

IX. MATHEMATICS

301 *Calculus (Sophomore Course).* 3 hrs.

Professor PHILLIPS.

The elements of the Differential and Integral Calculus. Textbook, Osborne's *Calculus.*

Since the Calculus lies at the foundation of the modern treatment of the quantitative sciences, all students who wish to acquire more than an elementary knowledge of Physics, Astronomy, the Engineering Sciences, theoretical Chemistry, mathematical Economics, physiological Psychology, etc., as well as those students who are more especially interested in pure Mathematics, should take this course.

302 *Analytical Geometry (Sophomore Course).* 3 hrs.

Dr. HAWKES.

This course proposes to give an account of the more elementary parts of Modern Analytical Geometry. Students who wish to make Mathematics their specialty, as well as those who wish to make rapid progress in Physics, Astronomy, the Engineering Sciences, etc., should take this course in connection with the Calculus in their Sophomore year. Otherwise it may be taken in the following year. Instruction will be given by lectures, accompanied by practical work in the solution of problems.

Books of reference: Bailey and Wood's *Analytical Geometry;* Casey's *Analytical Geometry;* Briot and Bouquet, *Géométrie Analytique* (English translation); Salmon's *Conic Sections*, Cremona's *Projective Geometry;* Clebsch-Lindemann, *Vorlesungen über Geometrie.*

303 *Spherical Geometry* and *Trigonometry;* Applications of Trigonometry to *Surveying*, *Navigation*, and *Nautical Astronomy (Sophomore Course).* 3 hrs.

Professor E. L. RICHARDS.

A short course in Surveying, and a complete elementary course in Navigation, embracing plane sailing, middle latitude sailing, sailing by Mercator's chart, and correction of courses. Instruction in Nautical Astronomy will include the subject of Time, with the methods of finding latitude and longitude by observations of heavenly bodies, and numerous examples illustrating these methods; the use of tables and the Nautical Almanac as far as they are required. Instruction in the use of the sextant will also be given.

304 *Advanced Calculus.* 3 hrs.

Dr. PORTER.

This is a continuation of the first course in calculus, and in turn leads up to courses in higher analysis and geometry. More advanced parts of the calculus are here treated; the complex variable is introduced, and much attention is given to the application of the calculus to the theory of twisted curves and surfaces.

Books of reference: Byerly's *Differential and Integral Calculus*, 2 vols.; Appell's *Éléments d'Analyse mathématique;* Czuber, *Differential und Integral Rechnung;* Serret-Bohlmann, *Differential und Integral Rechnung;* C. Jordan, *Cours d'Analyse.*

305 *Higher Algebra.* 3 hrs. 1st half year.

Dr. HAWKES.

This course treats of those algebraic methods and facts which the student will find indispensable for his further progress in pure and applied mathematics.

The topics treated are symmetric functions, substitutions, determinants, solution of linear systems of equations, roots of unity, elimination, resultants, discriminants, invariants, and the numerical solution of algebraic and transcendental equations.

Books of reference: Burnside and Panton, *Theory of Equations;* Carnoy, *Algèbre supérieure;* Weber, *Lehrbuch der Algebra.*

306 *Analytical Mechanics.* 3 hrs. 2d half year.

Mr. WILSON.

The object of this course is to introduce the student to the more important facts of statics and dynamics, making use of the calculus. To develop the student's mechanical intuition, a large variety of problems will be given.

The student must have had course 301, and should in general have taken course 302 as preparation.

Books of reference: Ziwet's *Mechanics;* Williamson's *Dynamics;* Voigt, *Mechanik;* Appell's *Traité de Mécanique rationelle.*

[307 *Navigation and Nautical Astronomy.* 3 hrs. 1st half year.

Professor E. L. RICHARDS.

Intended as a sequel to the elementary course 303.

The subjects treated will be the deviation of the compass, and corrections for the same by amplitude, by altitude-azimuth, and by time-azimuth; latitude by double altitude; latitude and longitude from observations at the same time, including Sumner's Method. The practical part of the course will include the use of charts, the use of the sextant, and the use of the Nautical Almanac. Numerous examples illustrating all the subjects treated will be given, with the reduction of observations made by students in the course.

Omitted in 1900–1901.]

308 *Surveying.* 3 hrs. 2d half year.

Professor BEEBE.

One or sometimes two hours per week are given to recitations. The other exercises are in field- or office-work during the afternoons, each exercise occupying not less than two hours.

Field-Work: The ordinary operations of land-surveying, leveling, and elementary topography, involving the use of the chain, compass, surveyor's level, transit and plane table.

Office-Work: Plotting surveys from the field notes; determination of areas from the map and by numerical calculation; map-drawing, plane and topographical; examination of instrumental errors.

Text-book: Johnson's *Surveying*.

The course in surveying is open to those who take Navigation and Nautical Astronomy, as well as those who take Spherical Trigonometry. Any Junior or Senior who has not taken Mathematics in Sophomore year may take Surveying to count as one hour for the year.

309 *Descriptive Astronomy.* 3 hrs. 1st half year.

Professor BEEBE.

Intended principally for the study of topics connected with the historical and physical side of astronomy. Only so much mathematical work is introduced as is essential to an understanding of such topics. Text-book: Young's *Elements of Astronomy*.

Opportunity will be given for study of constellations and observation with the telescope.

[310 *Practical Astronomy.* 3 hrs. 2d half year.

Professor BEEBE.

This course is open only to those who have taken course 309. It consists of observatory work with astronomical transit and chronograph for determination of sidereal and standard time, and with sextant and theodolite for determination of latitude and azimuth, numerical computations for reduction of observations, derivation of formulae, and recitations from Loomis's *Practical Astronomy*.

Omitted in 1900–1901.]

*311 *Descriptive Geometry and Machine Drawing.*

3 hrs. *to count as 2 hrs.*

Professor C. B. RICHARDS and Mr. MARSHALL.

Course 311 is open only to a limited number of those who have studied the Mathematics of the Sophomore year. The course includes the principles of orthographic projection, the intersection and development of surfaces; in the second term, elements of machine drawing.

312 *Vector Analysis.* 3 hrs. 1st half year.
Professor GIBBS.

Elementary course, in which the simpler problems of geometry, kinematics, and mechanics are treated by vector methods. The matter taught is not entirely unlike that usually given in courses in Quaternions, but the method followed is in some respects nearer to Grassmann's than to Hamilton's.

313 *Advanced Vector Analysis.* 3 hrs. 2d half year.
Professor GIBBS.

Advanced course, including differentiation with respect to position in space, the theory of the potential and allied functions, and that of linear vector functions. Applications are made to hydrodynamics, to the motion of a rigid body, and to the theory of curvature. This course is especially designed for an introduction to the study of mathematical physics, and is open only to those who have taken the preceding.

314 *Celestial Mechanics.* 3 hrs.
Professor BEEBE.

Development of formulæ and numerical calculations for determining the parabolic orbit of a comet from three observations.

Computation of an ephemeris and reduction of observations for comparison with the ephemeris.

The course may be carried on through a second year to computation of elliptic orbits and the discussion of perturbations.

316 *Finite Groups—Galois Theory.* 3 hrs. 2d half year.
Professor PIERPONT.

This course falls into two parts; one part treats of the general theory of finite groups, in particular substitution groups and the groups of the regular bodies; the other is their application to the solution of algebraic equations. The course, while important in itself, will be found helpful as a preparation to the theories of Lie on continuous groups and their applications to higher geometry and differential equations.

317 *Differential Equations and Function Theory.* 3 hrs.
Professor PIERPONT.

Topics are: definite integrals, Gamma functions, elements of the function theory of a complex variable, elliptic functions with application to physics and geometry, differential equations, particularly the equations of mathematical physics.

*318 *Machine Designing.* 4 hrs.

Professor C. B. RICHARDS.

Course 318 is a continuation of the work in course 311 and is open only to a limited number of those who have taken that course.

X. MUSIC

320 *Harmony.* 2 hrs.

Professor PARKER.

The study of chords, their construction, relations, and progressions.

The course covers the following subjects:

Intervals,—the measurements of distance from one tone to another; Triads of the major and minor scales, and their inversions; Seventh chords, primary and secondary, with their inversions and resolutions; Modulations; Chromatically altered notes; Suspensions; Organ point; Passing and changing notes; Harmonization of a given melody; Harmony in two, three, and five parts; Simple instrumental accompaniments.

The work is principally the writing of exercises from figured basses. The exercises will be corrected in the class-room with explanations and illustrations.

Jadassohn's *Harmony* (Breitkopf & Härtel, New York and Leipsic) is used as text-book.

321 *Counterpoint.* 2 hrs.

Professor PARKER.

A thorough knowledge of Harmony is required of students in this course.

The work is the harmonizing and supplying melodious additional voices to choral and other melodies used as *Canti Firmi.*

The different orders of Counterpoint in two, three, and four voices: also double counterpoint, and more or less free imitative writing.

Students in this course are encouraged to try the simpler forms of free composition. No text-book is used.

322 *Strict Composition.* 2 hrs.

Professor PARKER.

The more severe kinds of composition form the basis of work in this course.

Harmony in Five and more parts; Threefold and Fourfold Counterpoint; Four- and Three-part Fugues for voices or for instruments; Canons of various kinds, with or without accompaniment of free voices; Free treatment of different kinds of thematic material. This course is preparatory to course 325. No text-book is used.

323 *The History of Music.* 1 hr.
Professor PARKER.

Lectures on the development of music from its earliest stages. History of Church music from the time of Gregory; History of Opera and Oratorio; Biographical sketches of famous composers, with description and analysis of their principal works; History of purely instrumental music, showing the growth and development of musical forms up to their culmination in Beethoven.

Practical illustrations of the lectures on musical form are given in the class-room.

324 *Instrumentation.* 2 hrs.
Professor PARKER.

This course is open only to students who have done the work of courses 320 and 321, and it is strongly recommended that course 322 also should precede it.

Lectures are given on the nature, compass, tone-color, and other characteristics of all the instruments of the modern orchestra, with written illustrations of their use by great composers.

Exercises in the practical orchestration of short pieces from the works of classic and modern composers, in analyzing, reading and playing from orchestral scores, beginning with Haydn and Mozart Symphonies and embracing modern works of various kinds.

325 *Free Composition.* 2 hrs.
Professor PARKER.

This course is intended primarily for graduates, and is open only to students who have done the work of courses 320, 321, 322, and 324, and who have shown unmistakable talent for original composition. Several of the smaller forms of free instrumental and vocal music are composed by the students, and studies are made for larger compositions which are finished in case the thematic material offered is of sufficient merit.

At the close of the year the student will be required to produce an extended work, probably in sonata form.

326 *Practical Music.*

Professor SANFORD, Assistant Professor JEPSON and Mr. TROOSTWYK.

Instruction is given in Piano-, Organ-, and Violin-playing to a limited number of students. Fees range from $50.00 to $150.00 for the college year.

Each student of the piano-forte receives individual instruction, under the supervision of Professor Sanford, who will in person instruct a limited number of advanced students in the higher branches of the art, particularly in *ensemble* and concert-playing. (No student is admitted to a course in practical music who has not been admitted to one of the theoretical courses.)

Students of organ-playing receive personal instruction from Mr. Jepson and of violin-playing from Mr. Troostwyk.

XI. PHYSICAL EDUCATION

328 *Physiology and Gymnastics.* 2 hrs.

Dr. SEAVER and Dr. ANDERSON.

This course is designed for those who intend to teach gymnastics or to direct departments of physical education in institutions of learning. The work comes under two general branches as follows:

1 *Physiology.*

This work consists of one recitation or lecture a week with Dr. Seaver, during the year. The first term is devoted to elementary physiology. The second term is devoted to human physiology; special attention being given to a study of the circulation, respiration, digestion, and excretion. The hygienic importance of these topics is carefully studied. The third term is given to a study of sanitary science. Collateral reading will be required during the third term.

(Dr. Seaver may be consulted at the Gymnasium from 9.30 to 10.30 A. M. daily until April 1st.)

2 *Principles and Practice of Gymnastics.*

Under this head will be discussed by Dr. Anderson (*a*) the scientific basis of physical training; (*b*) history of gymnastics and growth of the various systems; (*c*) means employed, such

as apparatus and appliances; (*d*) physical examinations and measurements; (*e*) pedagogy of gymnastics. Required text-books, Anderson's *Gymnastic Terminology* and *Methods of Teaching Gymnastics.*

Members of the class will be called upon to arrange exercises for other classes, to classify movements for overcoming common physical defects, and to do practice work in teaching gymnastics.

(Dr. Anderson may be consulted at the Gymnasium from 4.00 to 6.00 P. M. until April 1st.)

The following statements are added to explain the general aim and scope of the instruction in some of the leading subjects of study.

GREEK—During the first two years, the student reads selections from Thucydides or Herodotus, dramas of Aeschylus, Sophocles, and Euripides, one or two comedies of Aristophanes, one or more orations of Demosthenes, Isocrates, or Lysias, the Apology or some dialogue of Plato; occasionally, the *Symposium* of Xenophon or selected dialogues of Lucian. These works are selected with a view to making the student familiar with the leading branches of Greek literature, and the most interesting phases of Greek life and thought. The most important grammatical principles are reviewed in Freshman year; in Sophomore year, grammatical questions are discussed rarely, except as they are necessary for the interpretation and illustration of the author's meaning. In reading the works of the poets, less attention is paid to linguistic and grammatical points than to their literary quality, to the structure of the poems, to poetic words, forms, arrangement of words, rhythm, and constructions; but the growth and development of the language are discussed as well as the development of the literature. In reading the orators and historians, the connection of thought and of events is made prominent. Greek prose composition is practiced so far only as to aid the student in reading Greek authors, and to quicken his perception of nice distinctions in the order and choice of words and construction.

In the optional courses of the Junior and Senior years, the student has the opportunity of reading the works of the lyric poets, other Greek dramas, and other dialogues of Plato, parts of Aristotle (his *Politics* and *Ethics*), and the *Idyls* of Theocritus; as well as of studying Greek inscriptions, and of doing more critical work on the Homeric poems than is suited to the first College year; also of learning the Modern Greek language. The history of Greek philosophy is studied.

LATIN—By the close of Freshman year, it is intended that the student shall have gained clear conceptions of the genius of the language and its relations to other ancient and to modern tongues, a good knowledge of the characteristics of Latin literature and the essential facts of Roman history, and some appreciation of the position of Rome in the history of civilization. That subsequent reading of the language may be more easy and more exact, due attention is given in the early part of the course to forms, constructions, and idioms. From term to term the study of the literature is made more prominent, and particular texts are treated as means for the study of the public and private life of the Romans. Instruction is given mainly by recitations, but such work is supplemented by occasional lectures by the instructors and by conferences on papers presented by the pupils. In connection with the minute study of the authors, considerable time is given to oral and written reading at sight, and to composition in Latin.

For Seniors, Juniors and Sophomores who desire to continue their Latin studies, parallel courses are offered by different instructors, with different ends in view and by different methods. The characteristic of a course may be, *e. g.*, literature, or history, or philology, or antiquities, or the speaking and writing of Latin; and the methods of preparation and the class-room treatment vary accordingly. Topics suggested by the nature of the courses, or by individual tastes and intentions, are assigned to students, and papers thus prepared are discussed before the class. Lectures and the rapid reading of large amounts of texts are more frequent than in the prescribed courses. The connection of Latin with English is emphasized, and written translations are from time to time required and criticised with reference both to their faithful reproduction of the Latin thought and their idiomatic English. German annotated editions are often used, not only for their intrinsic helpfulness, but also to encourage the practical use of that language. Students who give evidence of unusual capacity and attainments may be admitted to membership of graduate classes.

MATHEMATICS—In Geometry the exercises consist in recitations from the text-book, the original demonstration of theorems, and applications of the principles to the solution of numerical problems.

After the student has gained facility in the use of trigonometrical tables, the principles of Plane Trigonometry are applied to the problems of Mensuration, Surveying, and Navigation, and likewise those of Spherical Trigonometry to the elementary problems relating to the celestial sphere.

In Mechanics, the elementary principles of Kinematics, Kinetics, and Statics, in reference to solid bodies, are presented with practical applications.

In Algebra the elementary principles of the theory of equations are illustrated graphically, and the student is exercised in the numerical solution of equations of the higher degrees and the graphical representation of the relations of quantities.

In Analytical Geometry the student is carried through the elementary properties of the lines and surfaces of the second degree, and is introduced to the theory of map-projection.

In the Junior and Senior years opportunity is given in the elective courses to obtain a wider knowledge of Algebra, and also of Analytical Geometry and Trigonometry with their applications to Navigation, Geodesy, and Astronomy. A course is provided in Junior year in Differential and Integral Calculus, designed for such as expect to make a serious study of any department of pure or applied mathematics.

There is also a course in Descriptive Geometry which includes the fundamental principles of orthographic projection, shades and shadows, and linear perspective. This course is open to those who have taken the mathematics of Sophomore year.

In Senior year advanced subjects in the Calculus and the elements of Analytical Mechanics form one line of study.

A course introductory to General Analysis forms another line. This is intended as a preparation for courses in the Theory of Functions, and other advanced work in Analysis.

An elementary and an advanced course are provided in what is called Vector Analysis. The object of these courses is to introduce the student to the methods of multiple algebra in geometry, mechanics, and physics. The matter taught is not entirely unlike that usually given in courses in Quaternions, but the method followed is in some respects nearer to Grassmann's than to Hamilton's. The elementary course is confined to the simplest algebraic relations of vectors. The advanced course includes differentiations with respect to position in space, and the theory of linear vector functions.

Students who show special aptitude are exercised in the working up of subjects which require the use of the library and more prolonged investigation than the daily exercises of the class-room. Such work begins in Freshman year. There is a considerable collection of models which are used to assist the imagination in the various branches of study.

ENGLISH—The required study of English occupies three hours a week throughout Freshman year. The course is in part literary, in part rhetorical, at least two out of every three hours being devoted to the literary study of the following works: five representative plays of Shakespeare; selected essays of Carlyle, Ruskin, Newman, and Arnold;

Tennyson's *Idylls of the King* and shorter poems; Palgrave's *Golden Treasury of Songs and Lyrics*. The work in rhetoric comprises a study of principles, together with frequent practice in writing, and is based, so far as possible, on the books mentioned above. The work as a whole has for its object to cultivate in the student the habit of careful, critical reading of the best English literature, and the power of clear and logical expression.

In Sophomore year the following authors are read: Spenser, Shakespeare, Milton, Addison, Swift, Pope, and Gray. The literary history of England in the sixteenth, seventeenth, and eighteenth centuries is also studied, chiefly with reference to the interpretation of these authors and to the criticism, both historical and æsthetic, of the works read by the class. The Sophomore course in rhetoric aims at a general training in fundamental principles, and a special training in exposition. The weekly recitations and lectures are auxiliary to the individual instruction given in conference on frequent essays.

The DeForest, Townsend, TenEyck, Betts, McLaughlin and Winston Trowbridge Townsend prizes (pp. 151–153) are under the superintendence of the Assistant Professor of Rhetoric.

For the present year a prize in poetry, of the value of fifty dollars, is offered to the University by Professor Cook.

The strictly elective work in English (the Sophomores elect five out of six subjects) follows five different, though related, lines. Instruction is offered in the earlier stages of the language, with reference as well to the reading of the older literature as to linguistic discipline; in rhetoric; in the theory of poetry, involving a consideration of literary criticism in general, in verse-composition, and in the theory of the drama (by two different instructors); in the evolution of a literary form (the English lyric); and in the study of various periods, classes of writers, and individual authors.

The course in Old and Middle English is intended to impart the elementary knowledge essential to the reading of pre-Chaucerian authors as well as to the fuller understanding of Chaucer himself, and to give the student a sense of the meaning and value of our earliest literature.

The courses in rhetoric are intended to complete the general training of the Sophomore year, and to provide systematic practice and criticism in any prose form.

The course in the theory of poetry is designed to give the student a philosophical conception of the nature of poetry, and the laws of its chief genera, as expounded by leading critics and deducible from the master works of literature. That in verse-composition provides a study of the principles of English versification, with practice in composition. That in aspects of the drama deals with different types and

classes of plays, while that in the theory of drama expounds the technique of English dramatic art from 1660 to the present time.

The course in the English lyric is a study in literary evolution. The nature of lyric verse, its origin, its development in substance, and its technique, are carefully considered, and the works of the principal lyric poets from Wyatt to Browning are read and discussed.

The chief periods of English literature, with reference to which instruction is at present provided, are the seventeenth and nineteenth centuries. The chief classes of writers examined are the Elizabethan dramatists, modern prose writers, the representatives of Romanticism, and the leading American authors. The chief individual authors studied are Chaucer, Milton, Tennyson, and Browning, besides Dante in translation.

The larger number of the courses in English are intended to be disciplinary as well as instructive; in other words, they have in view the development of insight and power no less than the imparting of information.

GERMAN—The student who has passed the admission examination in German may continue the study of German during each of the four years of his College course, if he so elect; the student who has not passed the admission examination in German may, if he desire, begin the study of German in either Freshman or Sophomore year, and pursue it for four or for three years; no elementary instruction in the language is given to Juniors or Seniors.

The courses of work for the successive years may be outlined as follows. During the first year the work consists of German grammar, translation of easy English phrases, sentences, and connected prose into German, and of easy German prose into English. Constant sight-translation is used as a means for developing and strengthening the student's vocabulary and for freeing him from dependence upon the lexicon and from the word-by-word methods which its use encourages. Especial care also is devoted to pronunciation. The work of the second year continues and extends that of the first year, taking up the translation of more difficult German prose, both with previous preparation and at sight, the study of word-formation, and the translation of more difficult English prose into German. Throughout the two years the aim in reading German is to cover as much ground as possible—from 500 pages upwards—in the belief that thereby the student will acquire more command of the language than when a smaller amount is read with rigid attention to grammatical details. It is expected that at the end of the second year the student will have adequate preparation for the use of the language in his work in other branches of study. Those, therefore, who are studying German solely with this end in view may per-

haps discontinue class-study at this point; but no student should begin the language unless he expects to devote at least two years to its study.

For the remaining years the courses vary from year to year; but opportunity is given for the critical study of works of leading authors, and for the study of periods in the history of German literature. Advanced courses are offered also in earlier German literature and in the historical development of the language.

German readings are given by the instructors, outside of the regular College work, and a course in advanced composition is given, in which German alone is spoken. German is constantly read aloud in the class-room, and efforts are made to improve the student's pronunciation and to help him to acquire some facility in expressing his ideas in German. But it is not a leading aim in the instruction in German to enable the student to converse in that language. Training in the ordinary conversational idiom may be had more profitably elsewhere and cannot form any considerable part of the class-room work. The student may acquire the language as a tool for use in other departments of study, and may come in contact with the best works of German literature, studying their form and contents, and the lives and environment of their authors; fluency in conversation must be acquired where the conditions are more fitted to the object which they are to effect.

FRENCH—The student who has passed the admission examination in French may continue the study of that language during each of the four years of his College course, if he so elect; the student who has not passed the admission examination in French may, if he desire, begin the study of French in either Freshman or Sophomore year and pursue it for four or three years; no elementary instruction in the language is given to Juniors or Seniors.

To the student properly equipped, *i. e.*, who has had two years of French in College, or the equivalent, the following Junior and Senior electives are open from which he may choose according to his special wants with the advice of the department: (*a*) linguistic courses conducted in French and combining the study of some literary topic with practice in speaking and writing; (*b*) literary courses, in which the leading writers of one specific period are read and studied; (*c*) philological courses, for students who intend to teach and those who wish to study the origin and growth of the language and its earlier literature.

ROMANCE LANGUAGES (ITALIAN, SPANISH)—The study of these languages may be taken up in the Sophomore year and in exceptional cases also by Freshmen, but students are advised not to begin both languages in the same year.

In the elementary courses the aim of the instruction is chiefly to impart a good pronunciation, the essentials of the grammar and the ability to read ordinary prose. In the succeeding courses, instruction is offered in Italian and Spanish Literature. At least one course, in each of these languages, is required of students who intend to devote themselves to the scientific study of the Romance Languages and Literatures in the Graduate School of the University.

PHYSICS—The instruction in Physics is begun in Sophomore year, with a course, extending through the year, of three exercises weekly. This is a general course, conducted by recitations, liberally illustrated by means of apparatus and experiments, and by occasional lectures. The object is to give a broad general view of the subject, to make the student familiar with the fundamental principles of the science, to enable him to understand something of the methods of experiment and reasoning by which physical laws have been established, and to give him an insight into the processes by which accuracy is attained in physical work, and the degree to which it may be carried. The work serves also as the introduction to, and foundation for, the more advanced courses offered in Junior and Senior years, in which the student may pursue lines of work in general and theoretical Physics of a higher grade, or may take up practical work in the Sloane Physical Laboratory, beginning with the course in Junior year, and continuing the work, of a more advanced character, during Senior year, as is described in the list of elective courses.

CHEMISTRY—This study is elective. A course in experimental inorganic chemistry is open regularly to Sophomores and may be taken by Juniors and Seniors. Students who wish to master during the college course those branches of chemistry which are required for admission to medical or technical schools, or which are anticipatory of work otherwise required in such schools, should take this course as early as possible. It is a prerequisite to the other courses in chemistry and to the course in biology, and is desirable for those who propose to study geology or mineralogy. Instruction is given by lectures and in the laboratory; and frequent examinations, written or practical, serve to review and emphasize essential principles and facts as well as to test the progress of the student.

Other courses, open to students familiar with the subject-matter of the first course, offer instruction by lecture and laboratory practice in qualitative analysis, in the preparation and study of the compounds of carbon, and in the exact methods of gravimetric and volumetric quantitative analysis. It is the aim of each of these courses to teach facts and principles by experimentation and induction.

A lecture-course in chemical theory deals with the development of modern ideas and methods.

GEOLOGY—The instruction in this department is designed primarily to acquaint the student with the fundamental facts of the constitution of the earth, the arrangement of its parts, and the materials and forces which have been and are the basis of its history. As far as practicable the class-room instruction will be supplemented by the use of specimens such as are found in the museums or such as make up the geological features of the vicinity of New Haven. The facts and phenomena of the science will also be used as an introduction to the methods of making observations, of deriving from them correct scientific notions, and in general as a means for the exercise and development of the faculties of inductive reasoning. Students prepared for the work will be encouraged to make special investigations in the lines of historical geology and the history of organisms, for which the facilities are ample, and in other special problems of structural geology well exhibited in and about New Haven.

POLITICAL SCIENCE AND LAW—An elementary course in Economics is provided, which treats not merely the general principles of the science, but some of the most important practical applications in Finance and Legislation. Text-books are supplemented by lectures and discussions. Those who take Economics in Junior year have an opportunity in Senior year to become acquainted with the history of the science and the controversies now going on in it, and to study more thoroughly special topics. In the course in Anthropology they are also offered an opportunity to become acquainted with the new sciences whose investigations are so important for the whole field of social science.

Two courses in Law are offered in Senior year. One is intended for prospective students of law as a profession and covers such elementary topics as contracts, the law of real property, etc. The other course is intended for those who are interested in the law as a part of a liberal education and offers a historical view of the development of the law and its bearing on present day problems.

MENTAL AND MORAL SCIENCE, AND PHILOSOPHY—The courses in this branch of study begin in Junior year, and may be continued until graduation. During Junior year, three hours each week of class-room work in Logic, Psychology, Ethics, are required of every student; the remainder of the work in these and kindred subjects is elective.

LOGIC—This is a required course, beginning in the Junior year. It aims at a thorough knowledge of the principles of deductive and inductive reasoning. In Deductive Logic special attention is given to an analysis of the syllogism as well as to a study of its functions and logical value. Oral and written discussions of examples of deductive

argument constitute a considerable portion of the work of the class. In Inductive Logic the problems, grounds, and principles of induction are discussed. Attention is given to familiarizing the students with the principles and methods of scientific investigation. Essays on observation, experiment, classification, hypothesis, etc., are required. The work in Logic includes an examination of recent logical theories.

PSYCHOLOGY—Required work in this subject is limited to Junior year and consists of two exercises a week, continued through rather more than half the college year. Although the course is taught with constant use of a text-book, upon which recitations are exacted, considerable time from the first is taken by the teacher in oral instruction, critical or supplementary of the text. Attention is called to the most recent advances in experimental and physiological psychology, to the educational bearings of the subjects treated and to the psychological bases of ethics and of theism. The most important of the older and newer works on psychology are placed in the University Reference Library for the use of students, who are urged to do side reading in connection with the class-room work. The course in Physiological and Experimental Psychology extends through the entire year and is taught by lectures and recitations; it is illustrated by models, charts, histological preparations, and apparatus for demonstrating all the principal topics covered. It is designed to go briefly over the whole ground of the modern experimental and physiological study of mental phenomena; especially as regards reflex and automatic cerebral action, the localizing of cerebral function, the quality and quantity of sensation, psychometry, etc. A similar illustrated course is given in the application of psychology to education. An elementary laboratory course furnishes a training in observation, thinking, and manipulation of apparatus as applied to psychological problems. An intermediate laboratory course furnishes a training in psychological measurements and leads to the more advanced work of the graduate school. The Psychological Laboratory possesses a very thorough equipment.

HISTORY OF PHILOSOPHY—In the study of the History of Greek Philosophy the principal emphasis is laid upon Plato and Aristotle, and upon the post-Aristotelian Schools, as illustrating the permanent and most interesting problems of Philosophy.

The course in Modern Philosophy extends through the whole of the Senior year. The subject is taught both by recitations from the text-book, with accompanying remarks from the teacher, and by lectures. Effort is made to secure from each pupil the careful reading of at least one work of some prominent philosopher of the period considered in the class-room. Special emphasis is laid upon the philosophy of Kant.

It is a constant aim to trace the development of modern speculative thought so as to throw light upon the principal questions in debate among present writers in philosophy.

PHILOSOPHY—In addition to the study of Philosophy as connected with the problems of rational Psychology, and as illustrated and enforced by the history of the development of Philosophy, the works of one or more of the leading authors are read and discussed, with such students as take the elective courses opened for this purpose. In this way the more general studies in Metaphysics and Ethics are supplemented by special information regarding selected subjects and writers.

MORAL SCIENCE, as a study, is intimately connected with the instruction in Psychology and Philosophy, as its foundations are discovered in the constitution of the human soul, and its method and fundamental relations are justified and enforced by those principles which are essential to all scientific thinking. In the department of Moral Science and of Practical Ethics, a somewhat thorough course is required of the entire Junior class, as an essential element of a thorough education and an important condition for practical usefulness. This general course is supplemented by special classes in scientific and practical Ethics, and particularly in the history and criticism of ethical theories, which are maintained through the year.

MUSIC—The department aims to provide adequate instruction for those who intend to become professional musicians, either teachers or composers, and to offer a complete course of study to such as intend to devote themselves to musical criticism and the literature of music. In all the courses a knowledge of piano-playing is required, though in a less degree if the student plays well some other musical instrument.

SPECIAL HONORS

SPECIAL HONORS are conferred at the end of Senior year.

One-year and two-year honors may be taken in the following groups of studies:

(1.) Philosophy. (2.) Political Science and Law. (3.) History. (4.) Modern European Languages. (5.) English. (6.) Ancient Languages. (7.) Natural and Physical Science. (8.) Mathematics. (9.) Music.

A candidate for a one-year honor must pursue with distinction in his Senior year, and a candidate for a two-year honor in his Junior and Senior years, courses (whether prescribed or elective) amounting to an average of at least six hours per week in one of the specified groups. For a two-year honor the work must be so distributed that an average of at least four hours per week is taken in Junior year.

In History, courses *taken in Junior Year* may be counted as part of the work for two-year honors in Political Science, and *vice versa*.

In Biblical Literature, courses 180 and 181 may be counted as a part of the work for two-year honors in History.

In Classics, Modern Languages (exclusive of English) and Mathematics, two-year honors will not be given unless the work in those subjects amounts to four hours per week in each year.

In Music, one-year honors will be given for distinguished work on the completion of course 321, and two-year honors on the completion of all the courses offered to undergraduates.

Students taking a sufficient number of hours in any group may by that fact be considered as candidates for honors in that group.

A candidate's whole work in any group, though it may be more than the minimum requirement for an honor, will be reckoned as a competition for the honor.

A candidate for either honor must present a meritorious thesis before June 1 of his Senior year.

[In the department of Modern European Languages, elementary French and German will not be reckoned for honors. In the department of Mathematics, no student will be considered a candidate for honors unless he has taken the Calculus.]

TERMS AND VACATIONS

The PUBLIC COMMENCEMENT is held on the last Wednesday in June. The first term begins thirteen weeks from the day after Commencement-day and continues twelve weeks; the second term begins on the Wednesday after the first Thursday in January and continues until Commencement-day, with a Spring Recess—of eight days—including Easter. See Calendar, p. 9.

PUBLIC WORSHIP

PRAYERS are attended in the Battell Chapel, with reading of the Scriptures and singing, every week-day at 8.10 A. M., at which service the attendance of the students is required.

PUBLIC WORSHIP is held in the Chapel on Sundays, at which all the students are required to attend, except such as have special permission to attend the worship of the denominations to which their parents belong. Such permission can be obtained on presenting to the Dean or Division Officer a written request therefor from the parent or guardian. (For further information in regard to Sunday services, see Part IV of this Catalogue under The College Church.)

The YALE YOUNG MEN'S CHRISTIAN ASSOCIATION, with a membership of over one thousand, has its headquarters in Dwight Hall, which was erected in 1886 through the generosity of Mr. Elbert B. Monroe, of Southport, Connecticut. This is a stone building situated on the College square, and is admirably adapted to be the center of the social religious life of the University; it contains a convenient reading-room, a carefully selected library, a large hall for general religious services, and separate rooms for the prayer meetings of the various classes.

The DWIGHT HALL LECTURE COURSE, the devotional meetings, the classes for Bible study, and the mission-work carried on by the students, have come to be prominent features of Yale life.

EXPENSES

The TREASURER'S BILLS are made out and delivered to the students, or *(request to that effect being made)* mailed to the parent or guardian, three times a year, viz: at the beginning of each term or half-term, at which time they are payable. If not paid before the end of the month following the month in which they are issued, the student will not be permitted to attend recitations until his bill shall have been paid, and in the allotment of college rooms will not be permitted to retain or to choose a room. Drafts on New York, Boston, and Philadelphia are received at par.

The annual charges for tuition are one hundred and fifty-five dollars. Of this amount fifty-five dollars are payable at the beginning of the first term, and fifty dollars at the beginning, and again at the middle of the second term. An additional charge of eighteen dollars is made in the last bill of the Senior year to cover expenses of graduation.

ABSENCE ON LEAVE—A student who is absent from College on account of sickness, or for any other cause, and retains his place in his class, pays full tuition during such absence; such payment is required before the student can be admitted to examination.

BOARD is obtained at prices varying from three and a half to eight dollars a week. The average price is under five dollars. (See Part IV of this Catalogue under the Dining Hall.)

ROOMS—There are in the College buildings over four hundred and fifty rooms occupied by students, at prices varying, according to location, from seventy-five cents to ten dollars per week, payable each term or half-term in advance. These rooms are not furnished, and the rates charged do not include heat or light.

Farnam Hall (built in 1869–70) is named in commemoration of Henry Farnam, Esq., of New Haven, who bore the chief part of the expense of its erection; Durfee Hall (built in 1870–71) commemorates in like manner the generosity of Bradford M. C. Durfee, Esq., of Fall River, Mass.; Lawrance Hall (built in 1885–86) owes its name to

a gift for this purpose from Mrs. Francis C. Lawrance, of New York City. in memory of her son, Thomas Garner Lawrance, of the Class of 1884, who died during his Senior year in College; Welch Hall, completed in 1892, is the gift of Pierce N. Welch, Esq. (Yale College 1862), of New Haven, in memory of his father, the Hon. Harmanus M. Welch, of this city, who died in 1889; Vanderbilt Hall, first occupied in 1894, is the gift of Mr. and Mrs. Cornelius Vanderbilt, of New York City, in memory of their son, William Henry Vanderbilt, a member of the Class of 1893, who died in 1892; and White Hall, completed in 1894, was erected at the expense of Andrew J. White, M.D. (Yale 1846), of New York City.

Students living out of College are not allowed to room in any hotel or apartment-house or in any building in which a family does not reside, except by special permission of the Faculty.

A few rooms in each building are reserved in May, for members of the Freshman class of the year following, and are assigned to applicants in order of application. Correspondence about College Rooms should be addressed to the Dean.

Members of the Junior, Sophomore, and Freshman classes, occupying any of the College rooms, may retain the same rooms for another academic year, by making application in writing to the locating officer, on or before Saturday, May 18, 1901. Rooms not reserved will then be offered to the classes in order: choices will be allotted to the Junior class on Tuesday, May 28, to the Sophomore class on Friday, May 31, and to the Freshman class on Wednesday, June 5.

PRICES PER WEEK OF ROOMS IN COLLEGE FOR 1900–1901

When a room is occupied by two persons, each occupant will be charged with one-half the price named in this schedule. The prices given for Welch Hall include steam-heat.

$0.75.—70 South Middle; 98, 99, 114 North.

$1.00.—84 South Middle; 97, 100, 113, 116 North; 359, 360, 361, 362, 363, 364, 365, 366 White; 417, 418, 419, 420 Berkeley.

$1.25.—81, 82, 94, 95 South Middle; 409, 410, 411, 412, 416, 421 Berkeley.

$1.50.—73, 74, 77, 78, 86, 87, 91 South Middle; 401, 402, 403, 404, 408, 413 Berkeley.

$1.75.—80, 83, 93, 96 South Middle; 103, 106, 107, 110, 111, 119, 122, 123, 126, 127 North; 400, 405 Berkeley.

$2.00.—71, 72, 75, 76, 79, 85, 88, 89, 92 South Middle; 101, 104, 105, 108, 109, 112, 125, 128 North; 133, 137, 141, 160, 167, 175 Farnam; 181 Lyceum; 385, 386, 387, 388, 393, 394, 395, 396 Berkeley.

$2.25.—384, 389, 392, 397 Berkeley.

$2.50.—120, 124 North; 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598 Pierson.

$3.00.—182, 183 Lyceum; 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582 Pierson.

$3.50.—142, 143, 158, 159, 161, 162, 176, 177 Farnam; 250, 251, 260, 261, 270, 271, 281, 282 Lawrance; 415, 422 Berkeley; 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566 Pierson.

$4.00.—130, 131, 138, 139, 144, 145, 146, 147, 153, 154, 156, 157, 164, 165, 172, 173 Farnam; 180 Lyceum; 407, 414 Berkeley.

$4.50.—14, 18 Vanderbilt; 134, 135, 140, 148, 149, 151, 152, 168, 169, 174 Farnam; 208, 215, 216, 223, 224, 231, 232, 239 Durfee; 248, 249, 258, 259, 268, 269, 279, 280 Lawrance; 341, 342, 379, 380, 381, 382 White; 399, 406 Berkeley.

$5.00.—22, 26, 40, 56 Vanderbilt; 129, 163 Farnam; 202, 209, 210, 217, 218, 225, 226, 233 Durfee; 241, 242, 246, 247, 252, 253, 256, 257, 262, 263, 266, 272, 273, 277, 278 Lawrance; 296, 311, 312, 327 Welch; 338, 339, 355, 356, 357, 358, 375, 376, 377, 378 White; 585, 586, 599, 600 Pierson.

$5.50.—44 Vanderbilt; 206, 214, 221, 222, 229, 230, 237 Durfee; 295, 298 Welch; 351, 352, 353, 354 White; 383, 390, 391, 398 Berkeley.

$6.00.—48, 52 Vanderbilt; 132, 166 Farnam; 204, 211, 212, 219, 220, 227, 228, 235 Durfee; 245, 254, 255, 264, 265, 274 Lawrance; 284, 297, 299, 300, 301, 302, 313, 314, 315, 328, 329, 330 Welch; 332, 333, 335, 336, 367, 368, 369, 370, 371, 372, 373, 374 White; 521, 522, 535, 536, 569, 570, 583, 584 Pierson.

$6.25.—283, 286 Welch.

$6.50.—343, 344, 345, 346 White.

$7.00.—2, 3, 13, 15, 41, 43, 45, 58, 60 Vanderbilt; 178, 179 Lyceum; 201, 203, 205, 234, 236, 238 Durfee; 285, 288, 292, 303, 304, 308, 316, 317, 318, 319, 323 Welch; 340, 347, 348, 349, 350 White; 537, 538, 551, 552, 553, 554, 567, 568 Pierson.

$7.50.—287, 291 Welch.
$7.75.—290, 294 Welch.
$8.00.—1, 11, 12, 16, 25, 27, 29, 36, 42, 55, 57, 59, 67, 69 Vanderbilt; 289, 293, 305, 306, 309, 310, 322, 326 Welch; 337 White.
$8.50.—5, 8, 17, 19, 21, 23, 47, 49, 51, 53, 63, 66 Vanderbilt; 320, 324 Welch.
$9.00.—10, 28, 34, 39, 54, 68 Vanderbilt; 321, 325 Welch; 331 White.
$10.00.—4, 6, 7, 9, 20, 24, 30, 32, 35, 37, 46, 50, 61, 62, 64, 65 Vanderbilt; 240 Durfee; 334 White.

The subjoined table gives near estimates of the ordinary annual expenses in College, omitting clothing, vacation charges, and sundries.

	Lowest	General Average	Very Liberal
Treasurer's bill, tuition,	$155	$155	$155
Rent and care of half-room in College,	20	100	140
Board, 36 weeks,	125	175	250
Furniture, average of half-room for 4 years,	10	25	40
Fuel (steam-heat) and light, for half-room,	15	20	35
Washing,	15	25	40
Text-books and stationery,	10	25	40
Subscriptions (to Societies, Sports, Periodicals, etc.),		20	100
Total	$350	$545	$800

BUREAU OF SELF-HELP

The work of this Bureau is to obtain employment for students of the University and for graduates, and the assignment of beneficiary aid to students in the Academical department. All students who desire employment in order to assist in paying their way may leave their names at this Bureau, and all persons who have work of any sort which students can do are requested to leave their orders here. Students who are about to graduate and graduate students, who desire positions, especially as teachers, should apply to this Bureau, where also applications for teachers may be made. Also those students in the Academical department who need abatement of tuition should make application for it to this Bureau before November first in each year of the College course.

BENEFICIARY AID

The sum of thirty thousand dollars and upwards, derived mainly from permanent charitable funds, is annually applied by the Corporation for the relief of students who need pecuniary aid. In this amount are included the income of the LANGDON FUND, of four thousand dollars, bequeathed in 1835 by Solomon Langdon, of Farmington, Connecticut, and a portion of the income of the ELLSWORTH FUND, now about ninety-six thousand dollars, received since 1858 from the estate of the Hon. Henry L. Ellsworth (Yale College 1810); both these funds are used for the support of students intending to enter the ministry. There is also a FUND, the income of which is used for scholarships, which has been constituted from repayments made to the treasury by former students who have received aid during the College course. The College has also a considerable number of scholarship funds, each yielding one hundred and fifteen dollars a year, the income of which is appropriated to worthy applicants. No assignments from these funds are made before admission to College. Those needing aid should apply to Mr. C. L. Kitchel before November 1st in each year of the College course. A person applying for aid for the first time is required to present evidence in writing that he is worthy to receive assistance, and that such help is necessary to enable him to pursue his college studies.

Assistance will be withdrawn from students who are irregular in attendance, or who fail to maintain a reputable scholarship.

The MORGAN FUND, bequeathed by the late Henry T. Morgan, of New York City, has been set apart by the Corporation, with the provision that the income shall be divided into scholarships (at present thirty-seven in number, yielding one hundred and fifteen dollars each), to be assigned by the Faculty for the benefit of indigent and deserving students.

The MARETT FUND, amounting to over one hundred and fifty-two thousand dollars, which was established by the will of Philip Marett, of New Haven, in 1869, and was received in 1889–97, has been appropriated for beneficiary scholarships, in aid of needy and deserving students.

The CHRISTMAN FUND, amounting to over twenty-two thousand dollars, bequeathed by Joseph A. Christman (Yale College 1857), of New York City, who died in 1888, is devoted to the support of poor and meritorious students.

The HARMER FOUNDATION OF SCHOLARSHIPS, the proceeds of a bequest in 1854 from Thomas Harmer Johns (Yale College 1818), of Canandaigua, N. Y., comprises five scholarships, each yielding at least one hundred dollars a year, to be given to deserving students of small means.

The LYON SCHOLARSHIP FUND, of forty-four hundred dollars, given in 1868–72 by Morris W. Lyon (Yale College 1846), of New York City, benefits four scholars, selected for their worth and need by the founder or the Faculty.

The LUCIUS HOTCHKISS FUND, of ten thousand dollars, the bequest of Lucius Hotchkiss, of New Haven, in 1881, comprises four scholarships, the income of which is given to indigent and deserving students.

The LEAVENWORTH SCHOLARSHIP FUND, now amounting to over seventeen thousand dollars, was established in 1882 by the Hon. Elias W. Leavenworth (Yale College 1824) of Syracuse, N. Y., with the primary object of defraying in part the expenses of the education of students of good character and promise, bearing the surname of Leavenworth.

The HOLMES SCHOLARSHIPS, one in each class in College, founded by Samuel Holmes, of Montclair, New Jersey, are filled upon the nomination of the Board of Agents of the Silas Bronson Library of Waterbury by students from the towns of Waterbury, Wolcott, Prospect, and Middlebury, Connecticut, who receive each the income of one thousand dollars *per annum*.

There are thirty-four other Scholarship Funds, most of them of one thousand dollars, the income of which may be given to such students as shall be selected by the founders or the Faculty. In this number are included Scholarships named in commemoration of William Allen, Charles Atwater, Mills Bordwell, William S. Charnley, William E. Dodge, Thomas H. and Luther Fuller, Sereno Gaylord, Joel Hawes, John C. Holley, Charles L. Ives, Elisha C. Jones, William A. Macy, John S. Mitchell, Peter Parker, John M. Raymond, John Spaulding, and James M. Whiton.

The income of the TEELE FUND of one thousand dollars, given by the Rev. Albert K. Teele, D.D., of the class of 1842, is distributed by the President of the University, at his discretion, among needy and deserving undergraduates.

The income of the JAMES MARSHALL SCHOLARSHIP FUND of two thousand dollars is to be used, in the judgment of the President, to pay the tuition annually of some worthy student struggling for an education.

There are also opportunities for students in need of aid to render service to the College as monitors, etc.; in this way about fifteen hundred dollars is disbursed annually. And in general it may be said that the other means to self-help at the command of students are sufficient to enable many of those who have spare time to provide for the larger part of their College expenses.

By the liberality of William L. Andrews, Esq., of New York City, and as a memorial of his son, Loring W. Andrews, of the class of 1883, a well furnished library has been established, containing text-books and works of reference, to be loaned gratuitously to those students who have need to avoid the expense of purchasing books. Permission to use this library is obtained from Mr. C. L. Kitchel.

GRADUATE FELLOWSHIPS AND SCHOLARSHIPS

The DOUGLAS FELLOWSHIP, with an income of six hundred dollars a year, was founded in 1873, by Mrs. Samuel Miller, of New Haven, and named in memory of her brothers, the Rev. Sutherland Douglas (Y. C. 1821) and George H. Douglas (Y. C. 1828). The incumbent, who must be a recent graduate of this Department, pursuing non-professional studies in New Haven, is elected annually, but no person shall hold the Fellowship for more than three years.

The SOLDIERS' MEMORIAL FELLOWSHIP, with an annual income of six hundred dollars, was founded in 1875 by Mrs. Theodosia D. Wheeler, of New Haven, in honor of the alumni who fell in battle as Union soldiers, in the war of 1861–1865, and in special remembrance of William Wheeler, of the class of 1855. The incumbent must be, at the time of his election, a graduate of this Department, of not more than three years' standing. He shall pursue non-professional studies, and may hold the Fellowship for a period not exceeding five years. In selecting the incumbent, the President and Professors are to give preference to one who has shown special proficiency in Greek ; and for the further prosecution of Greek study, the Fellow may spend a part or the whole of the time of his incumbency in Athens, in connection with the American School of Classical Studies, instead of in New Haven.

The SILLIMAN FELLOWSHIP, founded in memory of Professor Benjamin Silliman, Professor of Chemistry, Mineralogy, and Geology in Yale College from 1802 until his death in 1864, has an annual income of six hundred dollars, and is awarded to a graduate of this Department who has given evidence of proficiency and promise in some branch of physical science. The incumbent is elected annually, but no person shall hold the Fellowship for more than three years.

The JOHN SLOANE FELLOWSHIP in Physics, established in 1889 by the gift of ten thousand dollars from John Sloane, Esq., of New York City, is awarded annually by

the Faculty to a graduate of this Department who has shown marked proficiency in the prosecution and application thereof. The incumbent shall reside in New Haven for at least thirty-six weeks in each academic year, pursuing a course of study in Physics and the related branches of science, and acting as an assistant in the Sloane Physical Laboratory; he may be re-elected, but shall not hold the Fellowship for more than three consecutive years.

The SCOTT HURTT FELLOWSHIP, with a foundation of twelve thousand dollars, was established in June, 1893, by Mrs. Sarah I. Hurtt, of New York City, in memory of her son Burgess Scott Hurtt, of the class of 1878, Yale College. The incumbent must be a graduate of the Academical department, of not more than four years' standing at the time of his first appointment, and may hold the fellowship for three years by annual re-election. In addition to a good moral character, the person appointed must have maintained a satisfactory standing in scholarship and must purpose to pursue a scholastic, professional, or scientific career, in which he gives promise of success. He shall, if required by the President and Professors, reside in New Haven for at least one year of his incumbency, during thirty-six weeks of the year, pursuing his studies there; but with this exception may have the privilege of prosecuting his studies at any foreign University, or at the American School of Classical Studies in Athens, or at the American School of Classical Studies in Rome.

The BERKELEY SCHOLARSHIP, founded in 1733 by the Rev. George Berkeley, Dean of Derry, and afterwards Bishop of Cloyne, Ireland, and yielding about seventy dollars a year, is awarded to the student in each Senior class who passes the best examination (which must be a creditable one) in the Greek Testament (Pauline Epistles), the first book of Thucydides, the first six books of Homer's *Iliad*, Cicero's *Tusculan Questions*, Tacitus (except the *Annals*), and Horace, provided he remain in New Haven as a graduate, one, two, or three years.

The CLARK SCHOLARSHIP, being the income of a fund of two thousand dollars, given for this purpose by Mr. Sheldon Clark, of Oxford, Connecticut, is awarded in each Senior class to the applicant who has attained the highest rank in the studies of the course; provided he remain in New Haven for one year or two years immediately after graduation, pursuing a course of study (not professional) under the direction of the Faculty.

The BRISTED SCHOLARSHIP, founded in 1848 by Charles Astor Bristed (Yale College 1839), of New York City, and yielding over one hundred dollars a year, is awarded, whenever there is a vacancy, to the student in the Sophomore or Junior class who passes the best examination in the classics and mathematics. The successful candidate receives the annuity (forfeiting one-third in case of non-residence) until the end of the third year after graduation.

The FOOTE SCHOLARSHIPS, founded in 1873 by a bequest of Harry W. Foote (Yale College 1866), of New Haven, and yielding five hundred dollars a year, are awarded annually to graduates of this Department, selected by the Corporation, who remain in New Haven for one or more years pursuing studies in the graduate courses of the Department of Philosophy and Arts.

The LARNED SCHOLARSHIPS, three in number, each having a fund of seven thousand dollars, were founded in 1877 by the bequest of Mrs. Irene Larned, of New Haven, and were augmented in 1888 by the bequest of Mrs. Urania B. Humphrey, of Norfolk, Connecticut. One scholarship is awarded in each Senior class; the incumbent must reside in New Haven, pursuing a course of advanced study under the direction of the Faculty.

The ELLEN BATTELL ELDRIDGE SCHOLARSHIPS, two in number, each having the income of a fund of twelve thousand dollars, were established in 1894 by a bequest from Mrs. Azariah Eldridge, of Yarmouth, Massachusetts. The incumbents, who shall be graduates of this Depart-

ment, selected by the President and Professors, must reside in New Haven, pursuing such a course of study as they may select and the Faculty approve. No scholar shall continue on the foundation for more than three years.

The MACY SCHOLARSHIP, being the income of a fund of ten thousand dollars, derived from a bequest of the Rev. William A. Macy (Yale College 1844), of Shanghai, China, who died in 1859, is awarded, whenever there may be a vacancy, to a recent graduate of distinguished scholarship, who may hold it for a term of three years. He shall reside in New Haven, pursuing a course of non-professional study, and shall at the close of each College year present a meritorious thesis in evidence of his work during the previous year.

The CUYLER FELLOWSHIP was established in 1900 by Thomas DeWitt Cuyler, Esq., of the class of 1874, Cornelius C. Cuyler, Esq., and Miss Eleanor de Graff Cuyler, in memory of their brother Theodore Cuyler of the class of 1882. The income of a fund of ten thousand dollars is to be awarded each year to a graduate of the Academical Department who is pursuing a course of study under the direction of the Faculty.

UNDERGRADUATE SCHOLARSHIPS

The WOOLSEY SCHOLARSHIPS, each having the income of a fund of one thousand dollars, the gift of President Woolsey, in 1846–48, are awarded in successive years, one to the student in each Freshman class who passes the best examination in Latin Composition (excellence in which is essential to success), in the Greek of the year, and in the solution of problems in the mathematical subjects required previous to Easter of Freshman year. The successful candidate receives the annuity, during the four years of his College course, provided he maintains a good standing in character and scholarship, and in Sophomore or Junior year makes himself acquainted with the Differential and Integral Calculus. The stu-

dent who stands second at this examination receives for one year the income of the HURLBUT SCHOLARSHIP FUND, of one thousand dollars (established by Henry A. Hurlbut of New York City, in 1858–59); and the student who stands third, the income for one year ot the THIRD FRESHMAN SCHOLARSHIP FUND, of the same amount, given by Charles M. Runk, Esq., of Allentown, Pennsylvania, in 1864.

The W. W. DEFOREST SCHOLARSHIP, being the income of a fund of two thousand dollars, bequeathed in 1867 by William Wheeler DeForest of New York City, is awarded to a student in each Senior class who has attained distinction in the study of French while in College, provided he pursue for the year after graduation a further course of study in the modern languages, especially French, Spanish, Portuguese, or Italian, under the direction of the Faculty.

The SCOTT HURTT SCHOLARSHIP was established in 1889 in memory of Burgess Scott Hurtt, of the class of 1878, Yale College, by his classmates and friends. The income of a fund of five thousand dollars is assigned in June of each year to a member of the Sophomore class, who is selected by the Faculty on the ground of approved scholarship; one half of the income will be paid to the incumbent during his Junior year, and one half during his Senior year, provided he continues to be in need of this assistance.

The THOMAS GLASBY WATERMAN FUND, of forty thousand dollars, was received in 1890 from the estate of Thomas G. Waterman (Yale College 1886). The income is given to not more than three scholars, of manly character and limited means, who have distinguished themselves in their studies and give promise of achieving distinction in the line of work which they have chosen; the incumbents are elected annually by the Faculty from the Senior or Junior class, or from graduates of the Department of not more than two years' standing.

The ALFRED BARNES PALMER SCHOLARSHIP FUND, of five thousand dollars, was given in 1892, by the Rev. Charles

Ray Palmer, D.D., in memory of his son, Alfred Barnes Palmer, of the class of 1892, Yale College. The annual income is paid, during his College course, to a student in avowed need of beneficiary aid, of unexceptionable character, and of high rank in scholarship.

The DANIEL LORD, JUNIOR, MEMORIAL FUND, of five thousand dollars, was established in 1894, by Daniel Lord, Esq., of New York City, in memory of his son, Daniel Lord, Junior, of the class of 1892. The annual income is given to a deserving and needy undergraduate student in this Department—preferably a member of the Senior class—who shall be selected by the Faculty.

The LEARNED SCHOLARSHIP, established in 1895 by the gift of two thousand dollars from the Hon. William L. Learned, LL.D., of the class of 1841, Yale College, is awarded at the close of the Freshman year to a student who has been markedly successful in his studies. He receives the income of the fund through his College course.

The JOHN J. COX SCHOLARSHIP, established in 1898 by the gift of two thousand dollars from Mrs. John J. Cox, of Peekskill, N. Y., in memory of her son, John J. Cox, of the class of 1891, is awarded yearly to some needy and worthy student of high character selected by the Faculty.

PREMIUMS

The DEFOREST PRIZE, founded in 1823 by David C. DeForest, of New Haven, and consisting of a gold medal, of the value of one hundred dollars, is awarded "to that scholar of the Senior class who shall write and pronounce an English Oration in the best manner," the President and Professors being judges.

TOWNSEND PREMIUMS, five in number, of twelve dollars each, founded in 1843 by the gift of Isaac H. Townsend (Yale College 1822), of New Haven, are awarded in each Senior class for the best specimens of English Composition; all compositions receiving premiums must be read in public.

The DeForest Mathematical Prizes were established by the late Dr. John DeForest (Yale College 1826), and were augmented by his son, the late E. L. DeForest (Yale College 1854), of Watertown, Connecticut. A first prize of one hundred dollars, and three second prizes of fifty dollars each, are offered to the Senior class for worthy solutions of problems in pure and applied Mathematics.

Winthrop Prizes, the income of a fund of five thousand dollars given in 1871 by Buchanan Winthrop, Esq. (Yale College 1862), of New York City, are annually offered to the Junior class "for the most thorough acquaintance with the Greek and Latin poets," particular attention being paid to elegance of scholarship and appreciation of the spirit of the poetry, as shown at an examination during the latter half of the second term. The first prize is two hundred dollars, and the second prize is the balance of the income for the year.

The subjects for examination in the class of 1901 are as follows: in Greek, Homer's *Iliad*, Books i–vi; Theocritus' *Idyls*, i–xviii, exclusive of v; in Latin, Juvenal's *Satires*, exclusive of ii, vi, ix.

The Henry James TenEyck Prizes, the income of a fund of twenty-six hundred dollars, established in 1888 by the Kingsley Trust Association in memory of Henry James TenEyck (Yale College 1879), are awarded to the successful competitors at the Junior Exhibition, in the second term of each year.

The C. Wyllys Betts Prize, established in 1890 by the Phelps Association, being the income of a fund of one thousand dollars given by L. F. H. Betts, Esq. (Yale College 1891), in memory of his uncle, the late C. Wyllys Betts, Esq., of New York City, a graduate of Yale College in the class of 1867, is offered to the Sophomore class for excellence in English composition. The prize is awarded annually to that member of the class who shall have exhibited the most meritorious work in the required compositions of the year and in a special essay on a prescribed subject.

The McLAUGHLIN MEMORIAL FUND, consisting of one thousand dollars, founded in 1893 to commemorate Edward Tompkins McLaughlin (Yale College 1883), late Professor of Rhetoric and Belles Lettres, is devoted to the encouragement of English Composition in the Freshman class. From the income of this fund first and second prizes, in books, are offered during the current year.

The WINSTON TROWBRIDGE TOWNSEND PRIZES, given by Judge William K. Townsend, in memory of his son, a member of the class of 1901, are annually awarded for excellence in English Composition in the Freshman class.

COLLEGE PREMIUMS are given each year in the Sophomore class for Declamation.

The THACHER MEMORIAL FUND, of three thousand dollars, founded in 1892, by gifts from the class of 1842, and named in honor of their former instructor, Professor Thomas A. Thacher, is devoted to the encouragement of the practice of extemporaneous debate. One hundred and fifty dollars of the income will be offered in prizes for this object during the current year.

SCOTT PRIZES for excellence in German and in French are offered to the Junior class; these are of the value of thirty dollars each, and are given in books. The prizes were founded by the bequest of Henry W. Scott (Yale College 1863), of Philadelphia, who died in 1871.

The LUCIUS F. ROBINSON LATIN PRIZES, from the income of a fund of five thousand dollars given in 1887 by the daughters of the late Lucius F. Robinson (Yale College 1843), of Hartford, will be awarded the present year to students showing special proficiency in Latin :—one series of prizes (of fifty, thirty, and twenty dollars, respectively) being open to members of the Senior and Junior classes who have taken three hours per week in Latin electives; and a second series, of the same amounts, to members of the Sophomore class.

BERKELEY PREMIUMS for excellence in Latin Composition are offered to the Freshman class near the end of each

College year, from the surplus income of the Berkeley Scholarship Fund.

The HUGH CHAMBERLAIN GREEK PRIZE, being the income of one thousand dollars given for this purpose, in 1886, by the Hon. Daniel H. Chamberlain (Yale College 1862), is awarded annually to that member of the Freshman class who has passed the best examination in the Greek required for admission to College. Candidates for this prize will be required to pass the whole examination in Greek in June of the year of their entrance into College, even though they may have been accepted already in some or all of the Greek subjects in a previous year.

The JOHN HUBBARD CURTIS PRIZE, being the income of a fund of one thousand dollars given in 1900 by Mrs. Virginia Curtis, in memory of her son John Hubbard Curtis, of the class of 1887, is to be awarded each year to that student in the Academical department, who shows the highest average of excellence in three pieces of literary work upon assigned subjects.

The BENJAMIN F. BARGE MATHEMATICAL PRIZES, amounting to one hundred dollars, are given annually from funds provided by Benjamin F. Barge, Esq., of the class of 1857. The prizes are awarded in both Freshman and Sophomore classes and consist in each class of a first prize of twenty-five dollars, a second of fifteen dollars, and a third of ten dollars. The prizes are awarded, in general, for the solution of original problems.

DEGREES

The degree of BACHELOR OF ARTS is conferred by the Corporation on those persons who have completed the course of academical exercises, as appointed by law, and have been approved on examination at the end of the course as candidates for the same. Candidates are required to pay their dues to the Treasurer as early as the Saturday before Commencement.

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GEORGE FRANCIS EATON, PH.D., *Instructor in Comparative Osteology*
BAYARD BARNES, PH.D., *Laboratory Assistant in Organic Chemistry*
HERBERT ERNEST GREGORY, PH.D., *Instructor in Physical Geography*
GEORGE HENRY NETTLETON, PH.D., *Instructor in English*
ROBERT WILLIAM HALL, PH.B., M.A., *Assistant in Biology*
HARRY WARD FOOTE, PH.D., *Instructor in Physical Chemistry*
YANDELL HENDERSON, PH.D., *Instructor in Physiology*
FREDERICK OSCAR ROBBINS, B.A., *Instructor in French*
RUDOLPH SCHWILL, PH.D., *Instructor in German*
CHARLES MONTAGUE COOKE, B.A., *Laboratory Assistant in Botany*
WILLIAM KENT SHEPARD, PH.D., *Instructor in Mathematics*
TREAT BALDWIN JOHNSON, PH.B., *Laboratory Assistant in Chemistry*
WALTER MINOR BRADLEY, PH.B., *Assistant in Analytical Chemistry*
GEORGE ARTHUR HANFORD, B.A., *Assistant in Physiological Chemistry*
JAMES ANSEL BROOKS, PH.B., *Assistant in Drawing*
HENRY SEIDEL CANBY, PH.B., *Assistant in English*
WILLIAM EBENEZER FORD, JR., PH.B., *Assistant in Mineralogy*
ALLING PRUDDEN BEARDSLEY, B.A., *Laboratory Assistant in Chemistry*
FREDERICK JAMES CARNELL, PH.B., *Laboratory Assistant in Physics*
HENRY FRANKLIN MERRIAM, PH.B., *Laboratory Assistant in Chemistry*
FRANK PEEL UNDERHILL, PH.B., *Laboratory Assistant in Physiological Chemistry*

OBJECTS

THE SHEFFIELD SCIENTIFIC SCHOOL is devoted to instruction and researches in the mathematical, physical, and natural sciences, with reference to the promotion and diffusion of science, and also to the preparation of young men for such pursuits as require special proficiency in these departments of learning. Instruction is also given in French, German, Spanish, English, History, Political Economy, and Political Science. The Sheffield Scientific School is one of the departments of the University, like

the Law, Medical, Theological, and Art Schools, having its separate funds, buildings, teachers, and regulations, but governed by the Corporation of Yale University, which appoints the professors and confers the degrees. It is, in part, analogous to the Academical department, or College, and, in part, to the professional schools.

The instruction is intended for two classes of students:—

I.—Graduates of this and other universities or colleges, and other persons qualified for advanced or special scientific study.

II.—Undergraduates who desire a training, chiefly mathematical and scientific, in less part linguistic and literary, for higher scientific studies, or for various other occupations to which such training is suited.

HISTORY AND ORGANIZATION

The School was commenced in 1847. In 1860, a convenient building and a considerable endowment were given by Joseph E. Sheffield, Esq., of New Haven, whose name, at the repeated request of the Corporation of Yale College, was subsequently attached to the foundation. Mr. Sheffield afterwards frequently and munificently increased his original gifts.

In 1863, by an act of the Connecticut Legislature, the national grant for the promotion of scientific education (under the congressional enactment of July, 1862) was given to this department of Yale University, which thus became the College of Agriculture and the Mechanic Arts for Connecticut. By an act of the State Legislature in 1892 this was revoked and the special relations of the School to the State created by the act of 1863 were terminated.

During the last thirty years numerous liberal gifts have been received from the citizens of New Haven, and from others in Connecticut and elsewhere, for the endowment of the School and the increase of its collections, by which the facilities of the institution have been greatly enlarged.

The Governing Board consists of the President of the University and the professors who are permanently attached to the School. There are many other instructors associated with them, some of whom are connected with other departments of the University.

INSTRUCTION FOR GRADUATE AND SPECIAL STUDENTS

Persons who have gone through undergraduate courses of study, here or elsewhere, may avail themselves of the facilities of the School for more special professional training in the natural and physical sciences and their applications, gaining in one, two, or three years the degree of BACHELOR OF PHILOSOPHY, or in two additional years of Engineering study that of CIVIL ENGINEER or that of MECHANICAL ENGINEER.

Or, engaging in studies of a less exclusively technical character, they may become candidates for the degree of MASTER OF SCIENCE or DOCTOR OF PHILOSOPHY. The instruction in such cases will be adapted to the particular needs and capacities of each student, and may be combined with that given by the graduate instructors in other departments of the University.

The degree of MASTER OF SCIENCE is conferred upon graduates of this or other universities, of two years' standing or upwards, who have taken their first degree in science, and who have pursued successfully a higher course of study in science under the direction of the Governing Board. Such a course will involve at least one year of resident graduate study, followed by an examination and the presentation of a satisfactory thesis in some department of science. A committee of the Faculty is appointed (consisting for the present year of Professors Chittenden and Richards) to whom all candidates for this degree must submit their proposed courses of study for approval before the end of October of each year. The fee for graduating is ten dollars.

The degree of DOCTOR OF PHILOSOPHY is conferred upon those students who show the results of resident graduate work by a thesis giving evidence of high attainment and power of investigation, and by an examination on studies whose grade and amount meet the approval of the Faculty. Under ordinary circumstances two or more years' work in residence will be required, but in exceptional cases work of equal grade at another University may take the place of a year's residence here. Whenever the course of undergraduate study has been less than four years, three years of graduate work will be required. The thesis must be deposited at the Library for public inspection not later than May 1. A good knowledge of Latin, German, and French is required in all cases, unless, for some very exceptional reasons, the candidate be excused by the Faculty. Evidence of sufficient attainments in these languages must be furnished at least two years before the degree is given. The fee for graduating is ten dollars.

A detailed statement of the graduate instruction of the University, including about 370 courses, is printed in a separate pamphlet, and may be had on application to the Secretary of the University. The principal courses offered in the Sheffield Scientific School are given by the following instructors:

Professor BREWER, in Agriculture and Forest Culture, and in Physical Geography.

Professor CLARK, in Determinants and Differential Equations.

Professor RICHARDS, in Mechanical Engineering.

Professor LOUNSBURY, in English Literature.

Professor VERRILL, in Zoology.

Professor S. I. SMITH and Dr. COE, in General Biology, Comparative Anatomy, Embryology and Cytology.

Professor DUBOIS, in Civil Engineering.

Professor HASTINGS and Assistant Professor BUMSTEAD, in selected subjects in Physics, and guidance in laboratory work.

Professor FARNAM, in Applied Economics.

Professor CHITTENDEN and Assistant Professor MENDEL, in Physiological Chemistry, Physiology, and Experimental Toxicology.

Professor WELLS in Analytical Chemistry, Inorganic Chemistry, and Metallurgy.

Professor PENFIELD, in Mineralogy and Crystallography.

Professor PIRSSON, in Physical Geology and in Petrology.

Professor BEECHER, in Invertebrate Paleontology.

Professor CORWIN, in German.

Assistant Professor CROSS, in English Literature.

Professor P. F. SMITH, in the Theory of Plane Curves and the Theory of Surfaces and Curves in Space.

Dr. EVANS, in Structural and Systematic Botany with special reference to the Microscopic Anatomy of Phanerogamous and Cryptogamous Plants.

Mr. COMSTOCK and Assistant Professor H. L. WHEELER in Organic Chemistry.

Dr. LOCKE, in the Constitution of Chemical Compounds.

Dr. FOOTE, in Physico-Chemical measurements and Electro-Chemistry.

Assistant Professor STARKWEATHER, in Mechanics.

Assistant Professor BARNEY, in Sanitary Engineering.

Mr. LEARNED, in History.

Dr. SCHWILL, in Comparative Literature of the Drama.

The same courses of study are open, for a longer or shorter time, to graduate students who do not desire to become candidates for a degree.

Students who have taken the degree of Bachelor of Philosophy, may obtain the degree of CIVIL or of MECHANICAL ENGINEER at the end of two academical years, by pursuing the following higher courses of study and professional training.

The course of study for the degree of CIVIL ENGINEER will comprise—

1. Higher Calculus, Higher Geometry, Theory of Numerical Operations.
2. Analytical Mechanics, Mechanics applied to Engineering.
3. Practical Astronomy, with use of instruments, computations, etc.
4. Construction and Design.
5. Selected subjects in Civil Engineering.
6. Preparation of Theses on special subjects in Engineering.

The course will occupy two years. During the second year candidates may, with the consent of the Professor of Civil Engineering, engage in professional practice.

To secure the requisite amount of professional knowledge and practice, the candidate will be required to furnish a comprehensive report of the results of an examination into the existing condition of some special line of constructive art; or to present proper evidence that he has had actual charge in the field, for several months, of construction or surveying parties, or held some responsible position deemed equivalent to this.

A design must also be submitted of some projected work, based upon data obtained by the candidate, and comprising all the requisite calculations, and the necessary detailed drawings, accompanied by specifications.

The fee for this degree is five dollars.

The course of study for the degree of MECHANICAL ENGINEER will comprise—

1. Higher Calculus, Higher Geometry, Theory of Numerical Operations.
2. General Principles of Dynamics (Analytical Mechanics), including special application of these principles to dynamic problems.
3. Construction of Machines. Designs.
4. Preparation of Theses on special subjects in Mechanical Engineering.

During the second year, candidates will be permitted to employ such portion of their time as may be deemed advisable or necessary in the examination of engineering works and manufacturing establishments, and may also

have the privilege of entering upon professional practice, provided it is done with the knowledge and consent of the Professor of Mechanical Engineering, and under such circumstances as shall appear to him to be favorable to professional progress.

An elaborate thesis on some professional subject, with an original design, or project, accompanied by proper working drawings, will be required at the end of the second year.

The fee for this degree is five dollars.

SPECIAL STUDENTS—For the benefit of those who, being fully qualified, desire to pursue particular studies without reference to the obtaining of a degree, special or irregular students are received in most of the departments of the School; not, however, in the Select Course, nor in the Freshman class.

It should be distinctly understood, however, that these opportunities are designed especially to aid those who have received a sufficient preliminary education elsewhere to increase their proficiency in special branches.

TERMS OF ADMISSION

No one is admitted to the Freshman class who is less than sixteen years of age. Satisfactory testimonials of good moral character from the last instructor or other responsible person, are in all cases required before a certificate of admission in full is granted.

All candidates for admission to the Freshman class are examined in the following subjects:

1. *English Grammar*—Whitney's *Essentials of English Grammar*, or an equivalent.

2. *English Literature A—Preliminary.*

READING AND PRACTICE—A certain number of books will be set for reading. The candidate will be required to present evidence of a general knowledge of the subject-matter, and to answer simple ques-

tions on the lives of the authors. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number—perhaps ten or fifteen—set before him in the examination paper. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books.

In preparation for this part of the requirement, it is important that the candidate shall have been instructed in the fundamental principles of rhetoric.

The books set for this part of the examination will be:—

For the classes entering in 1901 and in 1902: Shakespeare's *Merchant of Venice;* Pope's *Iliad*, Books i, vi, xxii, and xxiv; The Sir Roger de Coverley Papers in *The Spectator;* Goldsmith's *Vicar of Wakefield;* Coleridge's *Ancient Mariner;* Scott's *Ivanhoe;* Cooper's *Last of the Mohicans;* Tennyson's *Princess;* Lowell's *Vision of Sir Launfal;* George Eliot's *Silas Marner.*

For the classes entering in 1903, 1904, 1905: Shakespeare's *Merchant of Venice* and *Julius Caesar;* The Sir Roger de Coverley Papers in *The Spectator;* Goldsmith's *Vicar of Wakefield;* Coleridge's *Ancient Mariner;* Scott's *Ivanhoe;* Carlyle's *Essay on Burns;* Tennyson's *Princess;* Lowell's *Vision of Sir Launfal;* George Eliot's *Silas Marner.*

3. *English Literature B—Final.*

STUDY AND PRACTICE—This part of the examination presupposes more careful study of each of the works named below. The examination will be upon subject-matter, form, and structure, and will also test the candidate's ability to express his knowledge with clearness and accuracy. In addition, the candidate may be required to answer questions involving the essentials of English grammar, and questions on the leading facts in those periods of English literary history to which the prescribed works belong.

The books set for this part of the examination will be:

In 1901, 1902, 1903, 1904, and 1905: Shakespeare's *Macbeth;* Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso;* Burke's *Speech on Conciliation with America;* Macaulay's *Essays on Milton and Addison.*

No candidate will be accepted in English whose work is notably defective in point of spelling, punctuation, idiom, or divisions into paragraphs.

4. *History of England*—Cowan and Kendall's *A History of England*, or an equivalent.

5. *History of the United States.*

In History, a thorough acquaintance with some one of the more recent and accurate text-books (such as Ransome's *Short History of England*, Montgomery's *Students' American History*, Channing's *Students' History of the United States* or McLaughlin's *History of the American Nation*), is expected. The examination, however, is not designed as a memory test merely, but will call for comparison, the exercise of judgment, and will be framed on the supposition that the student has done systematic note-book work and has an adequate knowledge of historical géography. To this end and in order to create a live interest in the subject, it is strongly recommended that the student be urged to follow, under his teacher's guidance, a course of supplementary reading, so arranged as to cover the more important periods and events, especial attention being given to social development, constitutional growth, and the principles of government.

In exceptional cases, by special permission, either Greek or Roman history may be substituted for the History of the United States. In such cases the examination in the history of Greece will cover the period down to the death of Alexander the Great; and the examination in Roman history will cover the period to 410 A. D.

6. *Latin Grammar and Composition*—The examination in Latin Grammar will be based on connected passages taken from the first and second books of Caesar's *Gallic War*. The exercises set for translation from English into Latin will involve the vocabulary and idiom of these two books.

7. *Caesar* or *Nepos*—The first four books of the *Gallic War*.

The first twelve of Nepos' *Lives*, as they appear in the Teubner edition, will be accepted as an equivalent for the third and fourth books of Caesar. For the first and second books of Caesar no equivalent will be accepted.

8. *Vergil* or *Cicero*—The first three books of the *Aeneid*. This involves an ability to scan Latin hexameters.

Cicero's orations against Catiline and for Archias may be offered in place of Vergil.

In order to allow the preparatory schools still further freedom in arranging their courses of work, examination papers will be prepared on other equivalents of the texts mentioned above, provided a sufficient number of candidates apply to the Registrar of the Sheffield Scientific School for such a paper before May 1.

9. *German* or *French*—Candidates will be required to translate at sight simple prose selections from German or French authors, and to have such a knowledge of grammar as will enable them to read the selections intelligently. This implies familiarity with the declensions of nouns, adjectives, and pronouns, with the conjugation and inflection of verbs, and with the syntax of cases. An ability to translate simple sentences from English into German or French will also be requisite.

10. *Algebra A, to Quadratics*—Fundamental operations, factoring, highest common factor, least common multiple, fractions, equations of the first degree in one or more unknown quantities, problems which lead to equations of the first degree, inequalities, powers and roots, fractional and negative exponents, reduction of radicals, binomial formula for a positive integral exponent.

11. *Algebra B, from Quadratics*—Quadratic equations in one or two unknown quantities, equations solved like quadratics, problems which lead to quadratic equations, ratio and proportion, variation, arithmetical and geometrical progressions, permutations and combinations, undetermined coefficients, convergency of series, continued fractions, theory of logarithms with application to problems in compound interest, etc.

It is expected that candidates presenting themselves in Algebra will have covered all the subjects above specified. The examination, however, is especially designed to test the *thoroughness* of the candidate's training and preparation. Those questions, therefore, whose solution involves only the fundamental operations must be worked out rapidly and accurately.

Much time should be devoted to the statement and solution of problems, and the student should be taught the importance of the interpretation and verification of his results.

12 *Plane Geometry*—Demonstration of the theorems and constructions contained in any standard text, and solution of original propositions and problems.

13. *Solid and Spherical Geometry*—The usual text demonstrations, together with problems in mensurations of solid figures.

In selecting a text-book in Geometry, it is especially important that one be chosen which encourages and develops independent thought and work on the part of the student, and which does not reduce the study of the science to an exercise in memorizing. Knowledge of propositions and constructions is not the only

aim of geometric education, but training in logical thinking and deductive reasoning as well. The student should acquire power in applying the methods which he has been taught to the solution of original exercises and problems. The examination is intended to test the power of the candidate in this respect, and also his acquaintance with the text.

14. *Plane Trigonometry*—Fundamental definitions, properties, and analytical theory of the trigonometric functions, with the usual formulæ; applications to the solution of simple problems, and, in particular, to the solution of plane oblique triangles.

Preparation in Trigonometry should include exercises in applying the formulæ to a variety of reductions and transformations, and the solution of trigonometrical equations. Of fundamental importance is a thorough drill in the reduction of functions of any angle to functions of an acute angle. A proper course must also include the solution of plane oblique triangles by logarithmic calculation.

14a. *Use of Logarithms*—Solution of problems from given numerical data and formulæ. Accuracy in results and neatness in arrangement of the computation are insisted upon. Candidates examined in New Haven are furnished with five-place tables, while four-place tables are provided elsewhere.

15. Either *Botany* or *Chemistry* or *Physics*—In Botany the requirements will include a knowledge of the structure and of the principles of classification of flowering plants, together with matters pertaining to fertilization and the dissemination of seeds. Gray's *Elements of Botany*, or Bergen's *Elements of Botany*, is recommended as a suitable aid in preparing for the examination. It is desirable that the candidate should have had some experience in the analysis of common flowering plants.

Where *Chemistry* is offered there will be required (*a*) a knowledge of the common elements and their compounds, based upon class-room and laboratory work. This will include ability to sketch the apparatus used in the laboratory experiments, and to describe the phenomena observed. (*b*) Ability to write equations of simple reactions and to make calculations of the quantities involved in them, atomic weights being supplied. (*c*) Familiarity with the laws of chemical combination, including gases, and with the fundamental atomic and molecular theories.

In *Physics* the examination will be designed to test the candidate's familiarity with the general phenomena of mechanics,

sound, light, heat, magnetism and electricity, and his knowledge of the simpler laws governing these phenomena. If his course of instruction has involved work in the laboratory, a portion of the paper will be given to the methods of the laboratory as exemplified in some leading experiments.

Candidates are allowed to divide the examination between two *successive* years. For the first or preliminary examination the candidate may present himself at any regular examination in either June or September and may offer any five or more of the above mentioned subjects. At the preliminary examination, each candidate must submit a definite statement from his principal instructor regarding the subjects which he is authorized to offer. A certificate of preliminary examination will not be granted unless at least five subjects have been satisfactorily passed.

A candidate who has been rejected in June may try the whole examination again in September of the same year; but a preliminary certificate given in June cannot be used in the following September examination.

THE REGULAR EXAMINATION FOR ADMISSION in 1901 will be held in New Haven at North Sheffield Hall, on Thursday, Friday, and Saturday, June 27, 28, and 29, beginning at 9 A. M. on Thursday. *Attendance is required at the opening of the examination, at 9 A. M. on Thursday.*

In 1901, examinations (for the Freshman class only) will also be held in the places mentioned on page 62.

Candidates who propose to present themselves for examination elsewhere than in New Haven are requested to send their names to the Registrar of the School, before June 1. A fee of five dollars, payable at the place of examination, will be charged for admission to the examinations outside of New Haven.

A second examination is held, in New Haven, at the beginning of the college year, on Monday, Tuesday, and Wednesday, September 23, 24, and 25, 1901. Candidates for this examination must be present at North Sheffield Hall at 2 P. M. on Monday.

Order of Examinations in June, 1901

Thursday, June 27

Morning

[Session begins at 9.00 A. M.]

Latin Grammar and Composition,	9.40—10.40
Caesar,	10.45—11.30
Vergil,	11.35—12.30

Afternoon

Botany or Chemistry or Physics,	2.30— 3.30
German or French,	3.35— 4.35
Plane Geometry,	4.40— 6.00

Friday, June 28

Morning

Solid and Spherical Geometry,	9.00—10.30
English Grammar,	10.35—11.05
English Literature A. (Preliminary)	11.05—11.55
English Literature B. (Final)	12.00— 1.00

Afternoon

Algebra A, to Quadratics,	3.00— 4.25
Algebra B, from Quadratics,	4.30— 6.00

Saturday, June 29

History of the United States,	9.00— 9.45
History of England,	9.50—10.35
Trigonometry,	10.40—12.10
Logarithms,	12.15— 1.00

Order of Examinations in September, 1901

Monday, September 23

[Session begins at 2.00 P. M.]

Latin Grammar and Composition,	2.30— 3.30
Caesar,	3.35— 4.25
Vergil,	4.30— 5.30

Tuesday, September 24

Morning

Botany or Chemistry or Physics,	9.00—10.00
German or French,	10.05—11.05
Plane Geometry,	11.10—12.30

AFTERNOON

Solid and Spherical Geometry,	2.00— 3.30
English Grammar,	3.35— 4.05
English Literature A. (Preliminary)	4.10— 5.00
English Literature B. (Final)	5.00— 6.00

Wednesday, September 25

MORNING

Algebra A, to Quadratics,	9.00—10.30
Algebra B, from Quadratics,	10.40—12.10

AFTERNOON

History of the United States,	2.00— 2.45
History of England,	2.50— 3.35
Trigonometry and Logarithms,	3.40— 6.00

In general, examinations for admission to the *next* Freshman class can be held only in June and September as specified; if in any case sufficient reason exists for an exception to this rule, a special fee (not exceeding fifty dollars) will be charged.

All candidates for advanced standing are examined, in addition to the preparatory studies, in the studies already pursued by the class which they wish to enter. No one is admitted as a candidate for a degree later than at the beginning of the Senior year.

INSTRUCTION FOR UNDERGRADUATE STUDENTS

COURSES OF INSTRUCTION, occupying three years, are arranged to suit the requirements of various classes of students. The work of the first year is the same for all students, and is a general preparation for the advanced and special work of the later courses. The instruction of this year has a general scientific basis of mathematics, chemistry, and physics. In addition to these studies special attention is given to English and the modern languages. For the later years, the instruction is chiefly arranged in Special Courses. Modern languages are, however, studied by all students, irrespective of the special course which they may elect. Either French or German is offered as

a requisite for admission by each student. The language taken in the entrance examinations is continued through Freshman and Junior years, while the other language is begun in Junior year and continued through Senior year.

The Courses of study most distinctly marked out are:

(*a.*) In Chemistry;
(*b.*) In Civil Engineering;
(*c.*) In Mechanical Engineering;
(*d.*) In Electrical Engineering;
(*e.*) In Sanitary Engineering;
(*f.*) In Natural History;
(*g.*) In Mineralogy and other studies preparatory to Geology;
(*h.*) In Biology preparatory to Medical studies;
(*i.*) In studies preparatory to Mining and Metallurgy;
(*j.*) In Select studies preparatory to other higher studies;
(*k.*) In Agriculture;
(*l.*) In studies preparatory to the study of Forestry.

The arrangement of studies is indicated in the annexed scheme. A fuller statement of the methods and character of the instruction will be found below, pp. 179 ff. Unless otherwise specified, the number of hours given means hours per week.

FRESHMAN YEAR: INTRODUCTORY TO ALL COURSES

FIRST TERM:—*German* or *French*—3 hrs. *Mathematics*—Higher Algebra: Derivatives of Algebraic Functions, Fundamental Properties of Equations, Solution of Numerical Equations; 3 hrs. first half of term; Plane Analytical Geometry, 3 hrs. last half of term. *Physics*—Recitations, 2 hrs.; Experimental Lectures, 2 hrs. *Chemistry*—Mixter's; Recitations, 2 hrs.; Lectures and Laboratory Practice, 2½ hrs. *English*—Lounsbury's History of the English Language, 2 hrs. *Free-hand Drawing*—Practical lessons in the Art School, 3 hrs.

SECOND TERM:—*German* or *French*, *Physics and Chemistry*—as stated above. *Mathematics*—Plane Analytical Geometry, continued; 3 hrs. *English*—Shakespeare, Byron, Tennyson, and Browning, 2 hrs. *Drawing*—Principles of Orthographic, Isometric, and Oblique Projection; Intersection and Development of Surfaces; Outlines of Shadows; Shading and Tinting; Elements of Perspective; Examples of various applications of Instrumental Drawing; 3 hrs.

NOTE. The Freshman class is divided, as soon as practicable, into several divisions according to scholarship, and an opportunity to make more rapid progress is thus given to the more proficient.

For the Junior and Senior years, the students elect one of the following Courses:

(a.) IN CHEMISTRY:

JUNIOR YEAR:

FIRST TERM:—*Organic Chemistry*—Lectures and Recitations, 2 hrs. *Qualitative Analysis*—Recitations and Lectures, 4 hrs.; Laboratory Practice, 15 hrs. *Mineralogy*—Blowpipe Practice and Determinative Mineralogy, 4 hrs. English Composition, 1 hr. *German*—3 hrs. *French*—3 hrs.

SECOND TERM:—*Organic Chemistry*—Laboratory Practice, 15 hrs. for 4 weeks; Lectures and Recitations, 2 hrs. *Quantitative Analysis and Inorganic Preparations*—Laboratory Practice after 4 weeks, 15 hrs.; Recitations, 2 hrs. *Mineralogy*—Blowpipe Analysis and Determination of Species, 3 hrs.; Lectures in Crystallography and Descriptive Mineralogy, 2 hrs. *English Composition*—1 hr. *German*—3 hrs. *French*—3 hrs.

SENIOR YEAR:

FIRST TERM:—*Organic Chemistry*—Recitations and Lectures, 2 hrs. *General and Theoretical Chemistry*—Recitations, 3 hrs. *Quantitative Analysis*—15 hrs. *Geology*—Recitations, 3 hrs. *French* or *German*—3 hrs.

SECOND TERM:—*Physical Chemistry*—Recitations, 3 hrs. *Inorganic Preparations* followed by *Organic Preparations*—Laboratory Practice, 15 hrs.; Recitations, 1 hr. *General Chemistry, Metallurgy, Assaying, and Gas Analysis*—3 hrs. *Geology*—3 hrs. *Mineralogy*—(optional). *Elementary Petrology*—Lectures (optional) 1 hr. *French* or *German*—3 hrs.

(b.) IN CIVIL ENGINEERING:

JUNIOR YEAR:

FIRST TERM:—*Mathematics*—Analytical Geometry of Three Dimensions; Differential Calculus, with applications to Geometry, Kinematics, and Analysis; 5 hrs. *Drawing*—Bridge details, 2 hrs. *Surveying*—Field-work, first three weeks in September; Mapping, 12 hrs. until November. *Spherical Trigonometry*—4 hrs. after November 1st. *English Composition*—1 hr. *German*—3 hrs. *French*—3 hrs.

SECOND TERM:—*Mathematics*—Integral Calculus with applications to Geometry, 5 hrs. *Drawing*—Bridge details, 2 hrs. *Drawing*—Descriptive Geometry, 8 hrs. until March 20th. *Railway Engineering*—Curves, earthwork, etc.; 4 hrs. after March 20th. *English Composition*—1 hr. *German*—3 hrs. *French*—3 hrs.

SENIOR YEAR:

FIRST TERM: *Field Engineering*—Location of line of Railroad; first three weeks in September. Office-work; mapping; calculation of earthwork; lectures on economic location; 6 hrs. first half of term. *Railroad Economics*—Lectures, 2 hrs. *Mechanics*—Statics, 4 hrs. *Civil Engineering*—Mechanics applied to Engineering; Strength of Materials; Bridges and Roofs; 4 hrs. *Geology*—Recitations, 3 hrs. *Mineralogy*—Blowpipe Analysis and Determinative Mineralogy, 6 hrs. *French* or *German*—3 hrs.

SECOND TERM:—*Civil Engineering* — Bridges and Roofs; Building Materials; Stability of Arches and Walls; Foundations; 4 hrs. *Mechanics*—Applied Mechanics, 4 hrs. first half term. *Hydraulics*—Hydraulics and Hydraulic Motors, 3 hrs. second half term. *Drawing*—Designing; Practical Problems; Specifications and Estimates; 12 hrs. after February 10th. *Forest Hydrography*—Lectures (optional) 4 to 6 in number during second half-term. *Astronomy*—Practical Astronomy, with field work; Adjustment of observations; Theory of Least Squares; 3 hrs. *Geology*—3 hrs. until February 10th. *Elementary Petrology*—Lectures (optional) 1 hr. *French* or *German*—3 hrs.

(c.) IN MECHANICAL ENGINEERING:

JUNIOR YEAR:

FIRST TERM:—*Mathematics*—Analytical Geometry of Three Dimensions; Differential Calculus, with applications to Geometry, Kinematics, and Analysis; 5 hrs. *Thermodynamics*, 2 hrs. *Principles of Mechanism*—Applied Kinematics, 2 hrs. *Drawing*—Descriptive Geometry, 3 hrs. *English Composition*—1 hr. *German*—3 hrs. *French*—3 hrs.

SECOND TERM:—*Mathematics*—Integral Calculus, with applications to Geometry, 5 hrs. *Shop Visiting*—Study of Machine Details and Tools, 1¼ hrs. *Thermodynamics* until about April, afterwards *Theoretical Mechanics;* 2 hrs. *Drawing*—Machine Elements and Mechanical Movements, 3 hrs. *English Composition*—1 hr. *German*—3 hrs. *French*—3 hrs.

SENIOR YEAR:

FIRST TERM: *Theoretical Mechanics*—3 hrs. *Study of Heat Engines and the Steam-Boiler*—4 hrs. *Mechanics of Materials*—2 hrs. *Machine Designing*—Practical Exercises in Designing Machine-Details and Simple Machines, 8 hrs. *Visits of Inspection*—Examination of Machinery in Operation; Reports of Visits. *French* or *German*—3 hrs. *Blowpipe Analysis and Determinative Mineralogy* (optional)—3 hrs.

SECOND TERM:—*Theoretical Mechanics*—continued, 3 hrs. *Study of Heat Engines and the Steam Boiler*, continued until about March—3 hrs. *Stresses in Structures*—3 hrs. after February. *Hydrostatics and Hydrodynamics*—Including Resistance of Ships and Theory of Water-Wheels and Turbines, 3 hrs. *Machine Designing*—continued, 8 hrs. *French* or *German*—3 hrs. *Mineralogy* (optional)—3 hrs.

(d.) IN ELECTRICAL ENGINEERING:

JUNIOR YEAR:

FIRST TERM:—*Mathematics*—Analytical Geometry of Three Dimensions; Differential Calculus, with applications to Geometry, Kinematics, and Analysis; 5 hrs. *Theory of Heat*—2 hrs. *Descriptive Geometry*—3 hrs. *Mechanism*—2 hrs. *English Composition*—1 hr. *German*—3 hrs. *French*—3 hrs.

SECOND TERM:—*Mathematics*—Integral Calculus, with applications to Geometry, 5 hrs. *Theory of Electricity*—2 hrs. *Descriptive Geometry* and *Drawing*—3 hrs. *Analytical Mechanics*—2 hrs. *English Composition*—1 hr. *German*—3 hrs. *French*—3 hrs.

SENIOR YEAR:

FIRST TERM:—*Theory of Observations and Theory of Instruments*—5 hrs. *Laboratory Work*—6 hrs. *Machine Designing*—6 hrs. *Study of the Steam Engine*—2 hrs. *Shop-Visiting*—2 hrs. *French* or *German*—3 hrs.

SECOND TERM:—*Theory of Electricity*—5 hrs. *Laboratory Work*—6 hrs. *Dynamo Construction*—2 hrs. *Machine Designing*—6 hrs. *Steam Engine*—2 hrs. *French* or *German*—3 hrs.

(e.) IN SANITARY ENGINEERING:

JUNIOR YEAR:

The work of this year will be essentially the same as that in Civil Engineering.

SENIOR YEAR:

FIRST TERM:—*Field Engineering*—Topographical and Hydrographical Surveying; first three weeks in September. *Office Work*—Calculations and Mapping; 6 hrs. first half term. *Water-Supply Engineering*—3 hrs. *Hydraulics*—3 hrs. *Stresses*—Bridges and Roofs; 3 hrs. *Masonry Construction*—2 hrs. *Cement Testing*—1 hr. *Roads and Pavements*—1 hr. *Physical Geology*—3 hrs. *German* or *French*—3 hrs.

SECOND TERM:—*Mechanics*—3 hrs. *Hydraulics*—3 hrs. to February 10th. *Stresses*—Bridges; 3 hrs. to February 10th. *Designing*—

Roofs and Bridges; 5 hrs. after February 10th. *Sewer Design and Construction*—4 hrs. first half term. *Chemistry*—6 hrs. first half term. *Bacteriology*—6 hrs. second half term. *Sewage Disposal*—3 hrs. second half term. *Practical Astronomy and Adjustment of Observations*—3 hrs. second half term. *Physical Geology*—3 hrs. to February 10th. *German* or *French*—3 hrs.

(f.) IN NATURAL HISTORY:

Either Zoology or Botany may be made the principal laboratory study, some attention in each case being directed to the other branches of Natural History.

JUNIOR YEAR:

FIRST TERM:—*Organic Chemistry*—Lectures and Recitations, 2 hrs. *Qualitative Analysis*—Recitations and Lectures, 4 hrs. Laboratory Practice, 15 hrs. *Mineralogy*—Blowpipe Analysis and Determinative Mineralogy, 3 hrs. *Physical Geography*—2 hrs. *English Composition*—1 hr. *German*—3 hrs. *French*—3 hrs.

SECOND TERM:—*Zoology*—Laboratory Practice, 6 to 12 hrs.; Recitations and lectures; Excursions (land and marine). *Botany*—Laboratory Practice in a study of the Morphology of the lower Cryptogamous Plants, 3 hrs. during Spring half-term. *Physiology*—Recitations and Lectures, 2 hrs. *Embryology*—Lectures. *Mineralogy*—Blowpipe Analysis and Determinative Mineralogy, 4 hrs. *Physical Geography*—2 hrs. during Winter half-term. *English Composition*—1 hr. *German*—3 hrs. *French*—3 hrs.

SENIOR YEAR:

FIRST TERM:—*Geology*—Recitations, 3 hrs. *Zoology*—Laboratory Practice, 8 to 15 hrs.; Lectures, 2 hrs.; Recitations, 3 hrs.; Excursions. *Botany*—Laboratory Practice in the study of the Morphology of the higher Cryptogamous and Phanerogamous Plants, 6 hrs. *Meteorology*—Lectures, 2 hrs. *French* or *German*—3 hrs.

SECOND TERM:—*Geology*—Recitations, 3 hrs. *Anatomy of Vertebrates*—2 hrs. *Zoology*—Laboratory Practice, 8 to 15 hrs.; Recitations, 2 hrs.; Lectures, 2 hrs. *Botany*—Herbarium Studies, in any desired line; Botanical Literature; Essays in Descriptive Botany. *Sanitary Science*, *Laws of Heredity*, and *Principles of Breeding*—Lectures. *French* or *German*—3 hrs.

Besides the regular course of recitations and lectures on structural and systematic Zoology and Botany, and on special subjects, students are taught in the laboratories to prepare, arrange, and identify collections, to prepare sections and other microscopic objects, to make dissections and drawings, to pursue special investigations, and when suffi-

ciently advanced, to describe genera and species in the language of science. For these purposes, large collections in Zoology and Botany belonging to the University are available.

(g.) IN MINERALOGY AND OTHER STUDIES PREPARATORY TO GEOLOGY:

JUNIOR YEAR:

In Junior year the course is identical with that in Chemistry.

SENIOR YEAR:

FIRST TERM:—During the first term the course is identical with that in Chemistry.

SECOND TERM:—*Crystallography*, including the use of the Reflecting Goniometer, and the drawing and calculation of Crystals. *Optical Properties of Crystals* and the use of the Polarizing Microscope—Laboratory Instruction and Practice, 20 hrs. *Mineralogy*—Lectures, 2 hrs. *General Chemistry, Metallurgy, Assaying, and Gas Analysis*—2 hrs. *Elementary Petrology*—Lectures, 1 hr. *Geology*—3 hrs. *French* or *German*—3 hrs.

This course is open only to students who have maintained a high scholarship standing in the chemical studies of Junior year, and only a limited number can be accommodated.

(h.) IN BIOLOGY PREPARATORY TO MEDICAL STUDIES:

JUNIOR YEAR:

FIRST TERM:—*Organic Chemistry*—Lectures and Recitations, 2 hrs. *Qualitative Analysis*—Laboratory Practice, 15 hrs.; Recitations and Lectures, 4 hrs. *Mineralogy*—Blowpipe Analysis and Determinative Mineralogy, 3 hrs. *English Composition*—1 hr. *German*—3 hrs. *French*—3 hrs.

SECOND TERM:—*Organic Chemistry*—continued, 15 hrs. for four weeks and 2 hrs. for rest of term. *Comparative Anatomy and General Biology*—Lectures, Recitations and Laboratory Practice, 15 hrs., commencing the fifth week of the term; *Physiology*—Recitations, 2 hrs. *Laboratory Physics*—4 hrs. during Spring half-term. *Mineralogy*—continued through Winter half-term, 4 hrs. *Botany*—Laboratory Practice in a study of the Morphology of the lower Cryptogamous Plants, 3 hrs. during Spring half-term. *English Composition*—1 hr. *French*—3 hrs. *German*—3 hrs.

SENIOR YEAR:

FIRST TERM:—*Physiological Chemistry and Physiology*—Recitations and Lectures, 1 hr.; Laboratory Practice with demonstrations, 13 hrs.

Organic Chemistry—Lectures and Recitations, 2 hrs. *Zoology*—Lectures, 2 hrs. *Botany*—Laboratory Practice in the study of the Morphology of the higher Cryptogamous and Phanerogamous Plants, 6 hrs.; Lecture, 1 hr. *Geology*—Recitations, 3 hrs. *French* or *German*—3 hrs.

SECOND TERM:—*Physiological Chemistry and Physiology*—Illustrative Lectures and Recitations, 4 hrs., Laboratory Practice and demonstrations, 13 hrs. *Experimental Toxicology* - Lectures, 3 hrs. during Spring half-term. *Organic Chemistry*—2 hrs. during Winter half-term. *Geology*—Recitations, 3 hrs. *Morphology and Embryology of Vertebrates*—Lectures and demonstrations, 6 hrs. during Winter half-term. *Zoology*—Laboratory work in the dissection of typical Animal Forms, 4 hrs. *Sanitary Science*—Lectures, 2 hrs. during Spring half-term. *Laws of Heredity and Principles of Breeding*—Lectures, 2 hrs. during Winter half-term. *French* or *German*—3 hrs.

(i.) IN STUDIES PREPARATORY TO MINING AND METALLURGY:

Young men desiring to become Mining Engineers can pursue the regular Course in Civil or Mechanical Engineering, and at its close can spend a fourth year in the study of Metallurgical Chemistry, Mineralogy, etc.

(j.) IN SELECT STUDIES PREPARATORY TO OTHER HIGHER STUDIES:

JUNIOR YEAR:

FIRST TERM:—*Physical Geography*—Recitations from Warren, and Lectures, 4 hrs. *English*—Early English, 2 hrs. *History*—Ancient and Medieval, 5 hrs. *English Composition*—1 hr. *French*—3 hrs. *German*—3 hrs.

SECOND TERM:—*Astronomy*—4 hrs. during Winter half-term. *Botany*—Lectures; Laboratory Practice in the study of Phanerogamous Plants, 4 hrs. during Spring half-term. *English*—Chaucer, Bacon, Shakespeare, 3 hrs. *History*—Medieval and Modern, with special reference to the History of England, 4 hrs. during Winter half-term; 5 hrs. during Spring half-term. *English Composition*—1 hr. *German*—3 hrs. *French*—3 hrs.

SENIOR YEAR:

FIRST TERM:—*Geology*—Recitations, 3 hrs.; Excursions. *Meteorology*—Lectures, 2 hrs. *English*—Shakespeare, 3 hrs. *Economics*—5 hrs. *Constitutional History of the United States*—3 hrs. *French* or *German*—3 hrs.

SECOND TERM:—*Zoology*, 3 hrs. during Winter half-term, to be followed by *Historical Geology* 3 hrs. during the remainder of the year. *Heredity*—Lectures, 2 hrs. during Winter half-term. *Sanitary Science*—Lectures, 2 hrs. during Spring half-term. *Economics*—Recitations, Exercises, and Lectures, 5 hrs. during first part of Winter half-term, followed by *Economics*, 2 hrs. and *Political Science*, 3 hrs., during the remainder of the year. *History*—Constitutional History of the United States, 3 hrs. during Winter half-term and 2 hrs. during Spring half-term. *English*—Shakespeare, Milton, Dryden, Pope, Gray, and later authors, 3 hrs. during Winter half-term, 4 hrs. during Spring half-term. *French* or *German*—3 hrs.

(k.) IN AGRICULTURE:

JUNIOR YEAR:

The course is identical with that in Chemistry, except that in the second term lectures in Crystallography and Descriptive Mineralogy are omitted, and in the Spring half-term Botany is substituted for Determinative Mineralogy.

SENIOR YEAR:

FIRST TERM:—*Agriculture*—Recitations, 2 hrs. *Agricultural Chemistry* (Chemical Physiology of Vegetation)—Lectures, 2 hrs. *Geology*—Recitations, 3 hrs. *Zoology*—Lectures, 2 hrs. *Meteorology*—Lectures, 2 hrs. *Botany*—Laboratory Practice, 5 hrs. *French* or *German*, 3 hrs.

SECOND TERM:—*Agriculture*—Recitations or Lectures, 2 hrs. *Agricultural Chemistry*—Lectures, 2 hrs. *Physiology*—Recitations and Lectures, 2 hrs. *Geology*—Recitations, 3 hrs. *Zoology*—continued, 2 hrs. *Heredity and Stock-breeding*—Lectures, 2 hrs. during Winter half-term. *Sanitary Science and Public Health*—Lectures, 2 hrs. during Spring half-term. *French* or *German*—3 hrs.

(l.) IN STUDIES PREPARATORY TO THE STUDY OF FORESTRY:

JUNIOR YEAR:

FIRST TERM:—*Surveying*—Field work, first 3 weeks in September. *Mapping*—12 hrs. until November. *Spherical Trigonometry*—4 hrs. after Mapping is discontinued. *Outlines of Forestry*—Lectures, 3 hrs. *Mineralogy*—Laboratory work, 4 hrs. *Economics*—5 hrs. *German*—3 hrs. *French*—3 hrs. *English Composition*—1 hr.

SECOND TERM:—*Strength of Materials*—2 hrs. first half term. *Economics*—5 hrs. first half-term, and 2 hrs. second half-term. *Political Science*—3 hrs. during second half-term. *Astronomy*—4 hrs. first

half-term. *Practical Astronomy*, with field work, etc.—6 hrs. during second half-term. *Botany of Flowering Plants*—Laboratory work, 4 hrs. *German*—3 hrs. *French*—3 hrs. *English Composition*—1 hr.

SENIOR YEAR:

FIRST TERM:—*Meteorology*—Lectures, 2 hrs. *Physical Geology*—Recitations, 3 hrs. *Zoology*—Lectures, 2 hrs. *Forest Measurements*—Lectures and recitations, 2 hrs. Field work. *General Morphology of Plants*—Laboratory work and informal lectures, 4 hrs. *Silviculture*—Lectures, 3 hrs. Field work. *Forest Botany*—Lectures and laboratory work, 2 to 4 hrs. *French* or *German*—3 hrs.

SECOND TERM:—*Physical Geology*—Recitations for 8 weeks of first half-term, 3 hrs. *Zoology*—Lectures, 1 hr. *General Morphology of Plants*—Laboratory work, excursions, and informal lectures, 4 hrs. *Forest Botany*—Lectures, laboratory work, and excursions, 2 to 4 hrs. *Silviculture*—Lectures, 3 hrs. Field work. *Elementary Petrology*—Lectures, 1 hr. first half-term. *Origin and Nature of Soils*—Lectures, 1 hr. second half-term. *Forest Physiography and Meteorology*—Lectures, 4 hrs. during first half-term. *State and National Forestry*—4 to 6 special lectures during first half-term. *Forest Hydrography*—4 to 6 special lectures during second half-term. *Forest Measurements*—Lectures and recitations, 2 hrs. Field work first half of term. *German* or *French*—3 hrs.

In second half-term there will be outside Field work in Forestry and Thesis work.

Lectures and instruction in Military Science are given to the Senior class by the Professor of Military Science and Tactics, once a week during the Fall term.

This course is omitted in 1900–1901.

The following account of the various subjects specified in the above scheme will explain the character and aim of the instruction.

ELEMENTARY CHEMISTRY—The exercises in Elementary Chemistry consist in recitations from a text-book, and experiments by the students in the laboratory to illustrate statements in the book. The object of the laboratory work is to facilitate the study of the subject, and to train the students in manipulation and in the observation of chemical phenomena. Notes are required, and students are questioned on the experiments.

ANALYTICAL CHEMISTRY,—*Qualitative and Quantitative.*—Analytical Chemistry is used by the advanced student as an aid to investigation in scientific or technical researches. The beginner, however, derives from its study advantages of another kind. The knowledge of the properties of chemical compounds, the familiarity with chemical reactions gained by experience in the laboratory, and the development of the reasoning faculties by the application of this knowledge in analytical processes, enable the student to generalize and classify chemical phenomena, and aid him to understand the more abstract theories of chemical philosophy. The method of instruction adopted conforms to this view of the uses of the study. Text-books are used and recitations are required, but the more important part of both study and instruction is performed in the laboratory. In order to solve the problems which are there constantly presented, the student, aided by books and instructors, must learn both principles and their applications. The student, throughout his course in Analytical Chemistry, spends three consecutive hours in laboratory work during five days of the week. The laboratory, however, is kept open seven hours daily for the benefit of graduate students and others who desire to devote more time to this study.

Qualitative Analysis forms a part of the courses in Chemistry, Biology, Sanitary Engineering, Agriculture, and Natural History. Quantitative Analysis is one of the more important studies of the Senior year in the Chemical Course. It is also included to some extent in the Agricultural Course.

GENERAL AND THEORETICAL CHEMISTRY—This subject occupies three hours a week during the first term of the Senior year, with about fifteen recitations in the second term in the Course in Chemistry. Remsen's *Inorganic Chemistry* is used as a text-book, and regular recitation work is supplemented, as occasion demands, by oral instruction. The course is designed to present to the student such a general view of Inorganic Chemistry as will enable him to appreciate the investigations which are being carried on at the present time in this department, and will also give him a knowledge of the fundamental principles involved in the chemical processes used in the arts.

PHYSICAL AND ELECTRO-CHEMISTRY—These subjects occupy three hours a week throughout the second term and consist of recitation work supplemented by occasional lectures. The ground covered includes the most important theories and methods of the subjects. Walker's *Introduction to Physical Chemistry* is used as the text-book. Opportunities for special laboratory work are given to students who are sufficiently advanced.

ORGANIC CHEMISTRY—The course in Organic Chemistry is a combination of text-book work with experimental lectures. The class has two exercises weekly from the commencement of Junior year to the end of the first half of the second term of Senior year. Laboratory work in this department of Chemistry is required during the first term of Junior year and the first half of the second term of Senior year.

Opportunity is also afforded for the carrying on of original investigations in this subject, either in connection with theses, or as a part of the regular work in the case of advanced students.

PHYSIOLOGY—Elementary Physiology is taught by recitations and demonstrations, being designed especially for Junior students in the Biological course. In Senior year, particular attention is paid to the physiology of digestion and nutrition in connection with the study of Physiological Chemistry.

In Experimental Physiology the various graphic methods are illustrated and applied to the study of the phenomena of the muscular and nervous systems, the circulation, respiration, etc. The work in the laboratory involves the use of the ordinary forms of apparatus for physiological investigation. Stress is laid not alone upon the phenomena of the animal functions, but the topics selected are intended to familiarize the student with the problems and methods of scientific research in this domain. The more advanced students are kept in touch with progress in physiology by a physiological seminary.

PHYSIOLOGICAL CHEMISTRY and EXPERIMENTAL TOXICOLOGY—Physiological Chemistry is taught by laboratory exercises, illustrative lectures, and recitations. Each student is provided with a suitable working place in the laboratory, well equipped with all needed apparatus and material. The regular course of work, designed especially for Senior students in the Biological Course, extends through one year and embraces a thorough study of the chemical composition of the various tissues and fluids of the body, together with a study of the chemical and physiological processes of respiration, digestion, secretion, excretion, and nutrition in general.

Beginning with a study of the albuminous bodies and more important carbohydrates, the experimental work extends through the epithelial, connective, contractile, and nervous tissues. Proceeding then to digestion, the various digestive fluids are studied, artificial digestions are made, and the several products of digestive action isolated and studied. The blood, milk and urine are next considered, and students are taught to make both qualitative and quantitative analyses of the latter and to identify abnormal constituents. A portion of one term is also devoted to a study of the chemical reactions

of the more important mineral and organic poisons, and their physiological action is determined experimentally. Students are also taught how to separate poisons from organic tissues and fluids, and to identify them, both by chemical and physiological reaction. During the latter half of the second term of Senior year, opportunity is afforded for the carrying on of original investigations on some selected subject in either physiological chemistry or toxicology, in connection with the preparation of honor theses. This course of work is particularly recommended to students intending to enter upon a course of medical studies.

COMPARATIVE ANATOMY and GENERAL BIOLOGY are taught by laboratory work, lectures, and frequent examinations. The regular course of instruction, intended especially for students in the Biological Course, extends through the second term of Junior year and the winter half-term of Senior year, and is designed to give the student the mental and manual training in the methods of investigation by which the facts and principles of these sciences have been established, and at the same time to give him a sufficient knowledge of their elements to enable him to pursue with profit the more special studies which follow.

The course begins with the general anatomy of the vertebrate type, in connection with the study of Elementary Physiology. Dissections of the frog and mammal are made under the immediate supervision of the instructor, and the student is required to make careful sketches and records of his work, which is supplemented by demonstrations and informal lectures. Some of the simpler forms of plants and animals are next studied microscopically, the methods of microscopical investigation taught, and the general facts of cell-structure illustrated. The histology of the higher animals is then studied in more detail, microscopical preparations of the principal tissues and organs are made and examined, the general principles of the morphology of the tissues are illustrated, and the student is specially drilled in distinguishing the different tissues and organs under the microscope.

During the Winter half-term of Senior year, instruction in the morphology and embryology of vertebrates, with special reference to human morphology, is given by a course of lectures and demonstrations.

GEOLOGY—The course in Geology includes recitations and oral instruction, extending through the year. During the first term the recitations are attended by the entire Senior class, except those in the courses in Mechanical and Electrical Engineering. This part of the course includes Structural and Dynamical Geology and is illustrated by maps, lantern views, photographs, diagrams and specimens.

During the first half of the second term the Seniors in the Civil Engineering course extend the work of the first term into stratigraphical geology with special reference to its economic aspects.

The last half-term of the year is devoted to Historical Geology and Paleontology. The sequence and distribution of the sedimentary formations are studied, together with the introduction and succesion of the various types of life during past geological ages. This part of the course is pursued by all the Seniors except those in the Engineering courses. Suitable collections of fossils are used to illustrate the subject.

Opportunities are afforded for optional geological excursions during the warmer months. Additional and advanced work in geology, petrology and paleontology is offered in the list of graduate courses.

MINERALOGY—Instruction in Mineralogy is carried on by means of practical work in a laboratory especially fitted up for the purpose, the methods of instruction being such that students acquire familiarity with the common minerals, by making chemical and physical tests upon them, as also by seeing and handling a large number of typical specimens. Attention is devoted especially to those species which are of economic, geological, or scientific importance. To better understand and appreciate the chemical aspects of the subject, students are first made familiar with the simple chemical tests and blowpipe reactions which are best adapted for testing minerals, and later this knowledge is applied to the determination of unknown species. Students have free access to a labeled collection of carefully selected, typical mineral specimens, where the crystallization and other physical properties of the different species can be studied, and where comparisons can be made with specimens which have been determined. There are also extensive unlabeled collections for study, arranged especially to give students practice and facility in the correct identification of minerals. In addition to laboratory work, instruction is given in Crystallography, illustrated by collections of models and natural crystals. The lectures in Descriptive Mineralogy to the more advanced students are illustrated by the extensive private collection of Professor Brush. The laboratory is provided with apparatus for the thorough chemical and physical investigation of minerals and with an extensive library to which students have access. The laboratory is open seven hours each day to accommodate any who desire to devote more time to the subject than is laid out in any of the prescribed courses.

PETROLOGY—This course begins by familiarizing the student with the use of the polarizing microscope and the identification and study of

the important rock-making minerals by optical and chemical methods. The history, origin, and classification of rocks is then taken up, commencing with the igneous types and passing into the crystalline schists, during which metasomatic and dynamic changes, including effects of dynamo-metamorphism, are studied. The work is carried on in the petrographical laboratory, requiring three hours of work daily under the instructor, with regular lectures at stated periods. Large collections of rocks and thin sections belonging to the School are available for these purposes.

Elementary Petrology—A series of lectures of an elementary nature and without the use of the microscope, on the history, origin, and classification of rocks with especial reference to their geologic relations and economic properties, is given one hour a week in the second term.

This course is illustrated by collections and is offered as an optional to all students in the Senior class and in graduate courses who may desire to take it.

Origin and Nature of Soils—This is a course supplementary to the preceding one, and is designed to complete the student's necessary knowledge of rocks and soils. It treats of the origin and nature of soils with special reference to forests.

ZOOLOGY—The instruction in Zoology includes a course of lectures on Systematic Zoology, Morphology, and Embryology. These lectures are generally given twice a week, and continue during about half the year. The students are required to keep careful notes of the lectures.

Students in the Natural History course are also required to pursue a course of laboratory instruction during the second term of Junior and all of Senior year. This generally occupies from two to four hours a day on four days of each week. It includes dissections of various classes and orders of animals, with microscopic studies of the finer structures and of minute animal forms, as well as work in Systematic Zoology.

Special courses of recitations or lectures on particular subjects are also given when desirable.

BOTANY—In the courses in Biology, Natural History, and Agriculture, a general survey of the vegetable kingdom is made. Beginning with the simplest forms, selected types of the various classes of plants are examined in the laboratory, and their structure, development, and relationships are discussed in informal lectures. In the Select Course, a study is made in the laboratory of typical, green, flowering plants with special reference to the structure and functions of their various organs. Frequent written tests are also required.

In the course preparatory to the study of Forestry the work includes a study of both flowering plants and cryptogams.

For those who may desire to prosecute the science professionally, the work is arranged to suit individual requirements, whether it be in the direction of Morphology, Physiology, or Systematic Botany, as applied to either flowering plants or the cryptogamous orders.

INTRODUCTION TO FORESTRY—This course is designed to give a comprehensive view of Forestry with special reference to its economic aspects. It considers the purpose and scope of Forestry, its importance in national economy, the indirect influence of forests, the relation of the State to forests and Forestry, the need for Forestry and its practice in the United States.

FOREST BOTANY—This course is designed especially for those intending to enter upon the study of Forestry. The instruction is devoted mainly to the identification of trees and shrubs, their distribution, habits and uses. Herbaceous and Cryptogamic plants are considered so far as a knowledge of them may prove useful to the forester. The course includes also a study of the anatomy and physiology of trees.

AGRICULTURE—The special instruction in the science of Agriculture is by recitations and lectures, with such aids and appliances as are suited to the class-room and laboratory. Besides Analytical and Agricultural Chemistry, it includes a discussion of the cultivation of the staple field crops of the country; theories of rural economy and systems of husbandry; the laws of heredity, and principles of stock-breeding; Botany, Mycology and the diseases of plants, and Zoology. Opportunity is afforded also for the study of insects injurious to crops.

SANITARY SCIENCE—The lectures on this subject discuss the natural laws which govern the public health; their relation to public sentiment and the form of government of communities; the significance and use of mortuary statistics; the germ-theory of disease and theory of disinfection; epidemics and pestilences, their relations to the prosperity of a community; methods of control; the hygiene of private dwellings and public buildings; the relations of the water-supply to public health; sewerage; the function of boards of health and methods of sanitary administration.

Hygiene—A few lectures are given during the early weeks of the first term on personal hygiene and the care of the health, more especially as relative to student life.

HEREDITY—A course of twenty-five lectures is given during the second term of Senior year on the principles of Heredity, and their applications to stock-breeding, to medicine and hygiene, and to the investigation of certain sociological problems.

METEOROLOGY—Two lectures per week during the first term, embracing the physics of the atmosphere, the science of Meteorology, and the methods of weather-prediction used by the U. S. Weather Bureau.

FOREST PHYSIOGRAPHY—General conditions necessary to forests; forests as related to temperature and its range; to rainfall and its range; to excesses of weather and climate; to the mechanical and chemical nature of soil and ground-water; to the geological character of the surface; to the relief-forms of the land; to other geographical features; the geographical distribution of forests; the aspects of forests as related to climate and topography; and the geological history of forests.

FOREST MEASUREMENTS—This course treats of the methods of determining the contents of felled and standing trees and of whole stands; methods of estimating timber; use of American log scales; determination of diameter, height, and volume increment.

PHYSICAL GEOGRAPHY—This subject occupies four hours per week in the Select Course, during the first term of Junior year, and includes the elements of Surfacial Geology. The time will be largely occupied with a study of the land, mountains, rivers, plateaus, etc., and of the ocean in its physical and dynamical relations. Two points will be kept in view: first, the history and development of land forms into their present condition as natural scenery, and second, the influence of topography, climate, and distribution of fauna and flora upon the human race.

The course will consist of lectures supplemented by text-book and illustrated by maps, models and lantern views.

Optional reading courses and field excursions will be conducted and advanced work will be arranged for graduate students.

SILVICULTURE—This course treats of the characteristics of forests; the forests of the world; forest regions of the United States; special consideration of trees important in Forestry; methods of conducting silvicultural studies; methods of reproducing forests; treatment of forests. Forest planting is taught in the spring term by the Assistant Professor of Forestry. Attention is also given to the planting and care of trees in streets and parks for ornament and shade, with notes as to the relative suitability of different trees to these uses.

FIELD WORK IN FORESTRY—Excursions and field work form an important part of the instruction in Forestry. Several tracts of woodland have been selected near New Haven, where the students are given

instruction and practice in taking forest measurements, making forest descriptions, marking trees for cutting, preparing working plans on a small scale, sowing, planting, etc. Frequent excursions are also taken in connection with the course in Forest Botany to train the students in the identification of local species.

FOREST HYDROGRAPHY—A course of four to six lectures on the flow of streams; diurnal and seasonal variations; non-periodic fluctuations; regimen of various rivers; effects of forest and cultural conditions on available flow; underground water.

STATE AND NATIONAL FORESTRY—A course of four to six lectures on the interest of the States and the United States in Forestry; province of State and Federal action in forest matters; forest reserves; State forest officers and organizations; Governmental Forestry abroad.

MATHEMATICS—The mathematical studies of the Freshman year are pursued by all members of the class; those of the Junior year, by students in the Engineering courses, and properly qualified special students who may choose them. In Senior year several optional courses are offered, in which the methods and notions of modern analysis and geometry are presented. It is the purpose to furnish those intending to follow the engineering profession with useful additional mathematical knowledge, and to prepare for more advanced courses any students desiring to specialize in mathematics.

PHYSICS—The object of the experimental lectures is not only to elucidate the subjects treated in the text-books employed, but also to extend the treatment of such subjects, and to introduce others where thought desirable. A considerable portion of the work of the year is the preparation for recitation on matter thus presented.

The facilities of the Physical Laboratory are extended to such graduate students and Seniors as may desire them.

Course in Advanced Physics—A course of three lectures and two recitations per week, throughout the year, is supplemented by laboratory work. A portion of the time is devoted to the theory of observations and the method of least squares. The course is optional to all who have a command of the calculus.

MILITARY SCIENCE AND TACTICS—Instruction in this course is obligatory upon the whole Senior class in all departments. The work is carried on chiefly by lectures, upon which satisfactory notes must be submitted. Such topics as the following are discussed: military economy; the American military problem; organization and reorganization;

modern war on field and map; statistics and logistics; the combined use of "the three arms"; strategy and campaigning; orders of battle and grand tactics; special operations of war and field service; minor tactics and the art of war; use of cavalry in campaign and battle; use of artillery; use of infantry; and the Turko-Russian war. The course will terminate with an examination, and a special military certificate is awarded, by the Regular Army officer in charge of the department, to such students as attain a sufficient degree of proficiency, and give evidence of military aptitude. In connection with this course a brief original paper is required.

When a sufficient number of students desire it, practical instruction in drill in the School of the Soldier and School of the Company will be given. The names of the three most distinguished students in this department must be sent to the Adjutant General of the Army for publication in the Army Register, and also to the Adjutant General of the State to which each student belongs.

CIVIL ENGINEERING—The object of this course is to give, first of all, a thorough preparation in the principles of the various sciences involved, and afterwards, as extensive practice in the application of these principles as the time at disposal, the ability of the students, and the facilities and plant permit.

Under the first head are included such subjects as Mathematics, Physics, Mechanics, Thermodynamics, Astronomy, Geology, Mineralogy, and Chemistry; and under the second head, Drawing, Surveying, Strength and Properties of Materials, and Design and Construction of various kinds, such as Bridges, Roofs, Foundations, Arches, Retaining Walls, Dams, Water Works, Railroads, Improvement of Rivers and Harbors, Sewerage and Drainage, Motors, Hydraulics and Sanitary Engineering.

The first division includes Civil Engineering as a Science, the other, Civil Engineering as an Art. The ground covered by the first is definite, and the instruction is made as thorough as possible. The ground covered by the second is of almost indefinite extent. Here, by a careful selection of practical examples, such as occur in engineering practice, the application of principles is illustrated, and together with the analytical or algebraic methods, the student is also instructed in practical graphic solutions, wherever such solutions present a special value. Much time is devoted to geodetic operations and to surveying in the field.

The method of teaching is by means of practical exercises, lectures, and recitations, so combined as to develop as far as possible the mental powers of the student. Visits of inspection are made at suitable intervals to private and public works of engineering interest.

The entire course requires five years, three years of undergraduate and two of graduate instruction; and a thesis of merit upon some approved subject, accompanied by designs and estimates, is required upon the completion of the course. Examinations are also held at the end of every term and year.

In what follows, such details are given as may be of interest to those who contemplate taking the course.

Mathematics—5 hours weekly, Junior year. See Synopsis of course.

French and German—Students in this course take the regular studies of the Junior and Senior classes in both German and French.

Drawing and Descriptive Geometry—Drawing is begun at once in the first term of Freshman year, under the charge of the Professor of Drawing in the Art School, and includes practice in free-hand drawing. In the second term, under the Instructor in Instrumental Drawing, the students take isometric drawing with application to drawing from models and structures by measurements, shading, tinting, conventional use of colors, principles of orthographic projections, and practice in making simple working-drawings, 4 hours both terms.

The Drawing of Junior year, 6 hours both terms, includes Descriptive Geometry, the drawing of structures from measurement, and elements of design for simple structures. The instruction is by recitations, lectures, practical exercises, and models, and is under the charge of the Instructor in Instrumental Drawing and the Professor and Instructor in Civil Engineering. Included in the work of this year is also the mapping of surveying field-notes.

In Senior year, the drawing consists of the mapping of the surveys of that year, and the designing of structures and finished drawings, designs, and estimates, under the charge of the Professor and Instructor in Civil Engineering, 6 hours both terms.

Surveying and Field Engineering—A three weeks' course of practical instruction in field-work is given in September before the beginning of the fall term, in both the Junior and Senior years. This instruction for the year 1901 begins on Monday, September 2d.

In the Junior year, the three weeks before the beginning of the fall term are spent in uninterrupted work in the field. The course is then continued, four afternoons a week, until about November first, with lectures, recitations, and work in the drawing room.

Land, topographical, stadia and city surveys are made, plotted, checked, traced, and blue-printed. Levels are run and profiles drawn. Special problems likely to occur in practice are taken up in the field and in the class-room. The field-work is arranged so that each student receives a thorough drill in the use of the instruments, including the transit and the level.

In the three weeks before the beginning of the first term of Senior year, a line of railroad is located and set out from a contour map previously obtained, grades and curves established and set out, and computations made. The theory of economic location is taught by lectures and recitations in connection with the field-work. The work is arranged so that each student has sufficient practice in all the various operations. The text-books used are Gillespie and Johnson's works, Henck's *Field Book*, Merriman's *Geodetic Surveying*, and Merriman's *Theory of Least Squares*. The course is under the charge of the Instructor in Civil Engineering, aided by several assistants.

Mechanics of Engineering—Senior year, 6 to 8 hours, both terms. The method of instruction is by means of text-books in connection with lectures and solutions of practical problems in illustration of the various topics. The course includes thorough instruction in the strength of materials, the stability of foundations, retaining walls, dams and embankments, and masonry arches, by lectures and graphic methods. Questions of hydraulics, water-supply, the measurement of discharge, and the theory and construction of water-motors receive attention.

Construction and Design—Senior year, 6 hours both terms. A thorough course is given in the determination of stresses and the detailed design of roofs, bridges, etc., with working-drawings, specifications, and estimates. Visits of inspection are made, and recitations and lectures held in connection with the work in the drawing room.

Astronomy—This course occupies 3 hours during the second term of Senior year, and includes practical work and the use of the sextant and transit in determining time, latitude, and azimuth.

Geology—This course occupies 3 hours up to the middle of the second term of Senior year.

Mineralogy—This course, under the Professor of Mineralogy, occupies 6 hours of the first term in Senior year.

A course of lectures on the theory of electricity and its applications, by the Professor of Physics, is open to students in this department, and can be taken as a part of the preparation for a graduate course in the higher branches of electrical science.

MILITARY ENGINEERING—The object aimed at is to disseminate military information, and to awaken interest in the application of the arts of peace to those of possible war. In connection with the courses of Civil Engineering and Military science, lectures will be given upon such topics as: systems of fortification; sea-coast defenses; hasty intrenchments; passage of rivers and military bridges; military reconnaissance, and instruments; battlefield telemetry and methods; sea-coast range-finding, and ship-tracking devices; gunpowder and ballistic machines; high explosives and demolitions; gun metals, modern ord-

nance, and gunnery; armor plates, turrets, projectiles and fuses, torpedoes, submarine mines, military electric installation, and countermining.

SANITARY ENGINEERING—The object of this course is to afford a training for students who wish to devote attention especially to those branches of civil engineering that concern the public health. This calls for a better knowledge of chemistry and bacteriology, and their relations to those engineering problems which deal with sanitation, than can be obtained in the usual course in Civil Engineering.

In the course of study, here outlined, it is the aim in all subjects to first give as thorough a preparation in the principles of the various sciences involved, as the time at command will allow, before passing to a consideration of the practical features of applied engineering.

The method of teaching is by means of recitations, lectures, and practical exercises supplemented by visits of inspection to works of engineering and sanitary interest.

THE following details are thought to be of interest to those who contemplate taking the course:

Mathematics—5 hours weekly, Junior year. See page 173.

French and German—Students in this course take the regular studies of the Junior and Senior classes in both German and French.

Drawing—In addition to the free-hand and instrumental drawing of the Freshman year instruction in Descriptive Geometry, by recitations and the graphical solution of problems on the drawing board, is given in the Junior year, personal instruction being given to each student. Included in the work of both Junior and Senior years is also the mapping of all surveys made by the class, and the bridge drafting.

Field Engineering—The entire available time for three weeks before the beginning of the term in September, in both Junior and Senior years, is devoted to a course of practical instruction in field-work. This course begins each year with the first Monday in September.

In Junior year the works covers the use and adjustment of instruments, the making of land, topographical, stadia, city surveys, and leveling. The field-work is so arranged as to give each student a thorough drill in the use of the instruments. In the second term of the year a course consisting of lectures and recitations is given dealing with the calculation of earthwork and with track-work, giving especial attention to street railway requirements.

In Senior year a system of triangulation is laid out over a convenient water-shed and with this as a basis a topographical and hydrographical survey is made; all the principal methods for locating topographical or other details, as by transit, stadia, or plane table, being employed in different parts of the work, the leveling being done

with the Y-level, hand-level, and vertical angles. A portion of the time is also devoted to staking out curves, switches, etc., with especial reference to street railway requirements. The work is arranged so as to give each student sufficient practice in each of the methods employed under the immediate supervision of an instructor and then to gradually throw him upon his own responsibility.

Mechanics—The method of instruction is by means of text-books in connection with lectures and solutions of practical problems in illustration of the various topics.

Roofs and Bridges—The course of instruction in roofs and bridges consists of two parts; first, the computation of stresses in all the standard forms of simple roof trusses and bridge trusses by both the algebraic and graphic methods; second, the fundamental principles of design applied to beams, girders, floor-systems, riveted connections, pin-connections, railway trusses, highway trusses, and roof trusses.

Visits of inspection and lectures supplement the work in the drawing-room, but the larger part of the time is spent by the student in actually computing and designing under the direction of the instructor.

Hydraulics—The method of instruction is by means of recitations and lectures supplemented by illustrative experiments on the apparatus available. Special attention is given to questions in regard to the flow and discharge of streams, pipes, and sewers.

Masonry Construction—The course includes instruction in the properties of the component materials, the details of the construction and calculation of the stability of foundations, retaining walls, dams and arches. Each student is also required to make the usual tests of cement and mortar.

Water Supply Engineering—This course treats of the varying quantity of water required by different classes of cities and towns, the methods of collecting and distributing the same, methods of judging its quality and its effect on the public health, sources of contamination and methods of filtration, and in connection with hydraulics the designing of pipe systems.

Sewer Design—In this course instruction is given, by lectures, in the various methods of sewer design and construction suited to typical cases, illustrated by existing systems, and followed by requiring the student to design a system to meet simple requirements.

Sewage Disposal—This subject is treated by lectures on the various methods adopted in practice with their results, considered both from an engineering and sanitary point of view, supplemented by visits to plants in operation in the immediate vicinity.

Chemistry and Biology—In these subjects practice is given in the chemical and biological laboratories, the student is instructed in the methods of water analysis, and is taught to observe and identify the

various organisms present in natural and contaminated waters; the main object being to give such instruction as will enable the student to properly interpret the results of water analysis.

Adjustment of observations and Astronomy—This course covers the adjustment of the usual class of precise field observations by the method of least squares, together with the methods of determining time, latitude, and azimuth adapted to the sextant and field transit.

Roads and Pavements—This course consists of a series of lectures on the different methods of road and pavement construction and their adaptability to varying local conditions.

MECHANICAL ENGINEERING—The objects aimed at in the plan of instruction in this course are, to give to the student a thorough training in elementary and advanced Mathematics and Physics, and their application to the science of construction; to make him familiar with the general principles of Engineering and with the practical details of mechanical construction through which these principles are made useful; and to enable him ultimately, in beginning the work of his profession, to bring to bear upon it a well-balanced store of theoretical and practical knowledge, and a mind trained in correct habits of thought and work.

The complete course covers five years, three of which are spent in undergraduate study, and two in a graduate course, a portion of which may be given to actual practical work. The subjects and methods of instruction in the undergraduate course are as follows:—

Mathematics—See Synopsis, page 128.

French and German—Students take the regular studies of the Junior and Senior classes in both French and German.

Shop-Visiting divides the time equally with Drawing in the second term of the Junior year. The student, accompanied by the instructor, is employed in studying machinery in use and in process of construction in different machine-shops in the city. He is required to make satisfactory, carefully dimensioned sketches, from measurements taken by himself, of the complete machines and their parts, and to describe the tools and mechanical operations used in producing the simpler pieces.

Drawing—Descriptive Geometry is taught in the drawing room by lectures and recitations, and by exercises at the drawing board, where the problems are solved graphically by the student. Instruction in drawing Machine Elements is given in the Junior year. Models and cartoons showing examples of approved practice are used by the instructor, who also gives personal attention to each student's work at the board as it progresses.

Principles of Mechanism—This is a course in theoretical and applied Kinematics. Instruction is by text-books and lectures, illustrated by

diagrams and models, an extensive collection of which belongs to the School and is accessible to the student.

Steam Engine—Recitations and lectures in this subject relate to the structural details of engines and to the mechanical principles involved in their working. Particular attention is directed to various kinds of valve-gear, the governor, the fly-wheel, balancing, and the effect of the weight of the reciprocating parts. The study of steam boilers follows that of engines.

Indicator Practice—In the Senior year, the student is afforded opportunities to apply the indicator to various engines in operation, and has practice in reading indicator cards and measuring them by the planimeter. He is taught to detect such defects in the engine as are shown by the cards.

Applied Mechanics and Hydraulics—In these courses lectures, recitations and exercises in the solution of practical problems, relate to the topics specified in the scheme on page 173.

Thermodynamics—Recitations and lectures on the mechanical theory of heat and its application to hot-air engines, gas engines, and the steam engine.

Machine Design—The course in this subject consists chiefly in practical exercises at the drawing board, and partly in lectures on the functions of machines and the mechanical principles which are applied in determining the proportions of machinery. The student, under the guidance of experienced instructors, is employed in making complete working-drawings of machines, many examples of which are in the drawing rooms and the basements of the school. He does not copy the examples, but is required to change the dimensions and in many cases to alter the design, and is ultimately taught to make partly new designs of important machinery, such as cranes, yacht engines, machine tools, boilers, etc. The discipline the student receives is such as he would obtain in the drawing office of an engineering establishment, while he is also carefully instructed in the theory of the subject he deals with, and in the practical bearing of all his work.

In the Senior year, several excursions may be made by the class, accompanied by one or more instructors, to neighboring manufacturing and engineering centers where large manufactories, pumping works, ocean steamers, etc., can be visited. In such excursions full notes must be taken, and a satisfactory written report upon the machinery examined be submitted.

ELECTRICAL ENGINEERING—This is necessarily a course in mechanical engineering, with a substitution of the essentials of electrical science in place of a portion of the work in that department. Thus what has been written concerning the studies of that course is equally

applicable to the same studies in the electrical course. The work in electricity proper consists of three lectures each week and two recitations on the subjects then treated. With these the student is required to spend six hours each week in the physical laboratory During the early portion of the laboratory course especial attention is given to the instruments and methods of physical investigation, and as soon as a sufficient knowledge of these is acquired the student applies it to the study of the electric and magnetic properties of matter and their application to the arts. A course of two hours per week during the second term is given in the theory and construction of dynamo-electric machinery. A well-equipped laboratory, and a dynamo room with various examples of standard instruments and a large secondary battery, yield excellent facilities for this kind of instruction. Considerable additions to the apparatus are made every year.

ASTRONOMY—Students in the Select Course receive instruction in Astronomy four hours per week during the Winter half-term of Junior year.

Students of Civil and Sanitary Engineering during the second half of the second term of their Senior year have three recitations per week, and also practical experience in the determination of time, azimuth, latitude, longitude, etc.

ENGLISH—The courses are designed to give the student acquaintance with the great representative writers of the various epochs. The work of Freshman year, required of all, is general in scope, consisting of the history of the English language and a study of Shakespeare, Byron, Tennyson, and Browning.

English Literature is one of the prescribed studies in the Select Course. During the first term of Junior year, extracts from Early English authors are read and Early English Grammar is studied, so as to familiarize the student with the inflections then in use and the distinctions existing between the leading dialects. It is the aim of the term's work to give such knowledge of forms, and to some extent of words, that the student will be able to read at sight any Early English author whose writings do not involve special difficulties of language or vocabulary. For the rest of the course till the end of Senior year, the following authors are read: Chaucer, Bacon, Shakespeare, Milton, Dryden, Pope, Gray, Goldsmith, and later writers. Those mentioned in the list are always studied, but other authors not named are also taken up, the course varying somewhat in different years. In all cases, complete works of a writer are studied, not extracts; as, for instance, several of Chaucer's *Tales*, and several of the plays of Shakespeare. The authors are taken up in chronological order, and the literary history of the time is likewise carried on in connection with the great representative writers of each period.

ENGLISH COMPOSITION—Throughout Junior year English composition is required of all the class. During the fall term fortnightly lectures on the fundamental principles of writing alternate with fortnightly appointments for personal criticisms of the required themes. Selections from standard authors are read and analyzed.

During the last half of the year lectures are given on such subjects as "Business Letters and Circulars," "Editorial Writing," "Book Criticisms," and "The Construction of Speeches." Themes under these and other heads are required of the class and are criticised individually by personal appointments with the instructors. Other lectures on description and narration are supplemented with assigned reading in representative prose authors. Some of the authors discussed are Lamb, Irving, Thackeray, Hawthorne, Poe, Stevenson, and Kipling. Considerable freedom is allowed to the individual student in choice of subject for themes and in method of treatment, and especial help is given to contributors to the different undergraduate publications. While the primary aim of the course is to impart the ability to write simple, forceful English, the attempt is also made to increase the student's knowledge of the best English prose and to enable him to criticise it intelligently.

GERMAN AND FRENCH—Each of these languages is studied for two years by every member of the school. That language which the student offers at his examination for entrance is studied until the end of Junior year. The other language is begun at the opening of Junior year and studied until the end of the course. Thus each student has either German or French during Freshman and Senior years, and both languages during Junior year.

GERMAN—This department has a twofold purpose, to prepare the student to use the language easily and intelligently for those purposes which his course may require, and to supplement the practical training of his special studies by securing some of the important disciplinary results of linguistic and literary study. A systematic and thorough study of the structure of the language is made the point of departure and essential basis for all work. As early as possible practical work with the language itself is begun. This consists chiefly in the study of assigned texts, in written and oral translation into German, in translation at sight and in constant reading aloud, with the ultimate purpose of making the rendering into English unnecessary. In the work of translation careful attention is given to exactness and form of expression, and the student is made acquainted with the resources of his own language. The subjects of derivation, composition, and the relation of German and English are systematically studied with refer-

ence both to their practical aid in the acquisition of a vocabulary and to their scientific value in the establishment of correct ideas of the nature and growth of language. While it is not a primary aim, the course seeks to lay the foundation for the colloquial use of the language by imparting a familiar knowledge of grammatical forms, by the reading aloud of German texts, both by instructor and student, and by oral exercises based on the reading of the day.

The cycle of texts used differs somewhat with each class. The plan is to familiarize the student with some of the best specimens of modern prose and poetry, aiming in this selection to introduce him to a sufficient number and variety of works to overcome the usual difficulties of style and vocabulary, and give him some insight into the most important phases of German life and literature. With the more advanced divisions, towards the end of the course, some masterpiece of German literature is critically studied, and incidentally some knowledge is gained of the history and present state of German literature.

Opportunity for advanced or special work is offered as occasion requires.

FRENCH—The aim of the instruction in French is chiefly to give a ready and accurate reading knowledge of the language, such as will be of use to the student in scientific or other investigation, both while in the University and in after life. At the same time, most careful attention is devoted to imparting a correct pronunciation and to colloquial forms, so that, in case of foreign travel or subsequent pursuit of French studies, no time need be lost in the repetition of elementary work. The value of the course as a disciplinary drill and as a means to general culture is, moreover, always kept clearly in view.

With those beginning the subject, grammar is reduced to its simplest terms; only the grammatical forms (even these treated mainly as vocabulary) and the few main principles are insisted upon, without which no accurate translation is possible. Some continuous text, of interesting character, is taken up early in the first term. Then follows translation of representative authors, rather of the modern than older periods, alternating with prose composition, further acquirements in grammar, and such attention to the Latin origin of the language as may help to fix vocabulary in mind. A brief review of grammar is also a part of the work of the advanced classes at the opening of each year.

At the discretion of the instructor, the students sufficiently advanced take up a manual of French literature, in the French language, and while a dry list of names and dates is avoided, they are put in possession of such a connected account of the development of French life and letters and of the salient literary periods as will prove a valuable guide in future reading.

SPANISH—The instruction in Spanish is designed to give correct pronunciation, facility in reading, through the use of texts of a considerable variety, practice in composition, including letter-writing, and a certain beginning of conversation which may prove a basis when the further need and opportunity for using the spoken language may arise.

Grammar is usually condensed to its broad essentials, that the greater amount of time may be had for reading. One of the briefer, practical Spanish grammars is employed, with references to the comprehensive text-book of M. M. Ramsay. The reading comprises such works as Pérez Galdós' *Episódios Nacionales*, Jorge Isaac's "Maria," stories and sketches by Alarcón, Trueba, Rueda, the magazine called *La España Moderna*, together with bright, conversational plays, and the Spanish or Mexican newspapers. The origin of the language, and its peculiar development from the Latin, as compared with the others of the same family, is explained. A brief view of the early literature is given, and a fuller account of the representative modern novelists Valdés, Galdós, Pereda and Valera. Spanish is offered as an optional study.

HISTORY, I. *Junior Year*—The aim of the course is to present to the students an orderly and connected outline of the general history of Europe. How and Leigh's *History of Rome*, Thatcher and Schwill's *Europe in the Middle Age*, Schwill's *History of Modern Europe*, and Dalgleish's *Periods of English History*, are used as text-books. Particular attention is given to the growth and development of institutions and ideas and to the interpretation rather than to the mere memorizing of events. To this end the students are directed to the best literature on the different questions brought up for consideration, and, as importance warrants, documents and contemporary sources are discussed in the class-room.

The recitations are partly oral and partly written. Occasional lectures are given on questions of particular interest and importance. Constant use is made of historical maps and charts. To enable the students to preserve the proper perspective, frequent reviews are required and the results of these are ascertained by written tests.

II. *Senior Year*—A course is given in the Constitutional History of the United States. The *Epochs of American History* series (published by Longmans, Green & Co.) is used as the basis of study by the class. The method of work is similar to that employed in the Junior year, except that greater importance is placed on the careful interpretation of documents and other easily available contemporary sources, such as are contained in MacDonald's *Select Charters* and *Select Documents of United States History*.

In addition to the University Library, there is a small historical library in the recitation room from which the students are allowed to draw books.

POLITICAL SCIENCE—The course in history serves as a preparation for the course in Political Science. The subject is treated historically and comparatively. Professor Woodrow Wilson's *The State*, which is used as a text-book, is supplemented by lectures and collateral reading. The object constantly kept in view is to lead the student, through the study of other forms of government, to a broad and intelligent knowledge of the Constitution of the United States.

POLITICAL ECONOMY—In the beginning of the course, an effort is made to familiarize the students with the fundamental principles of Economics, and more particularly to train them in economic reasoning. Selected topics, such as money, banking, taxation, and industrial history, are then treated with more detail, and an opportunity is given to the members of the class to make a special study of subjects in which they may be interested. A small library, containing a number of copies of each of the principal authorities, has been provided, in order that the students may be able to familiarize themselves somewhat with the literature of the subject, without expense to themselves. The instruction is given partly by means of text-books and partly by lectures.

THE TERMS AND VACATIONS correspond with those of the College. (See Calendar, p. 9.)

EXPENSES—THE TREASURER'S BILLS are made out and delivered to the students three times a year, viz: at the beginning of each term or half-term, at which time they are payable. Drafts on Boston, New York, and Philadelphia are received at par. The annual charge for tuition for undergraduate students is $150. An additional charge of $5 for each term or half-term is made for incidentals, including the use of libraries, public rooms, gymnasium, and reading-room. The student in the Chemical and Biological Courses has an additional charge of $15 per term, or half-term, for chemicals and the use of apparatus in the chemical laboratories. He also supplies himself at his own expense with flasks, crucibles, etc., the cost of which should not exceed $10 a term.

For graduate students the charge for tuition is one hundred dollars per year.

The fee for graduation as Bachelor of Philosophy, including the fee for Triennial Catalogues, Commencement Dinners, etc., is $10, unless the person taking the degree is also an academical graduate, when it is $5.

BUILDINGS AND APPARATUS

The five buildings in which the work of instruction in the Scientific School is mainly carried on are called Sheffield Hall, North Sheffield Hall, Sheffield Biological Laboratory, Winchester Hall, and Sheffield Chemical Laboratory. Instruction in Mineralogy, Geology, Petrology, and Zoology is given in the Peabody Museum, and in Free-Hand Drawing in the Art School; while in Forestry, instruction is given at the Yale Forest School. These buildings contain a large number of recitation and lecture rooms, a hall for public assemblies and lectures, chemical, physical, biological, and metallurgical laboratories, besides studies for some of the professors, where their private technical libraries are kept.

The following is a summary statement of the collections belonging to the School:

1. Laboratories and Apparatus in the several branches of Chemistry, Metallurgy, Physics, Zoology, Botany, Mineralogy, Petrology, Comparative Anatomy, General Biology, Physiology, and Bacteriology.
2. Metallurgical Museum of Ores, Furnace Products, etc.
3. Agricultural Museum of Soils, Fertilizers, useful and injurious Insects, etc.
4. Collections in Zoology, Mineralogy, Petrology, and Comparative Anatomy.
5. Astronomical Observatory, with an equatorial telescope by Clark & Sons, of Cambridge, a meridian circle, etc.
6. A collection of Mechanical Apparatus and Machinery, including the "Collier Cabinet."
7. Models in Architecture, Geometrical Drawing, Civil Engineering, Topographical Engineering, and Mechanics; diagrams adapted to public lectures; instruments for field-practice.
8. Maps and Charts, topographical, geological, hydrographical, etc.
9. The herbarium of Professor Brewer is deposited in Sheffield Hall, while the herbarium and botanical library of the late Professor

Eaton, generously given to the University by his family, are in the botanical laboratory, the east wing of Sheffield Hall, in a fire-proof room especially constructed for their safe-keeping.

The building of the Sheffield Young Men's Christian Association, No. 143 College Street, contains pleasant and well furnished reading-rooms, within a few steps of Sheffield Hall. This building, which is the gift of Mrs. W. F. Cochran, of Yonkers, N. Y., is for the present, at the request of the graduate advisory committee, held in trust for the association by the donor.

Students are also entitled to the use of the University and Society libraries, the College Reading-Room, the School of the Fine Arts, the Yale Dining Hall, the Gymnasium and the Infirmary. These, and the various University Lecture Courses, will be found described in Parts IV and V of this Catalogue.

The Special Technical Library of the Scientific School consists of about five thousand volumes. Included in this is the "Hillhouse Mathematical Library" of twenty-four hundred volumes, collected during a long series of years by Dr. William Hillhouse, and in 1870 purchased and presented to the institution by Mr. Sheffield. A catalogue of this collection forms a supplement to the Annual Report of the Governing Board of 1870. All the prominent scientific journals of this country and of Europe, together with the proceedings of foreign academies and scientific societies, can be found, either in this library or in the University Library to which students have access.

There is also a Special Chemical Library in the Sheffield Chemical Laboratory, in which the principal chemical journals and periodicals, both of this country and of Europe, may be found; and a small library of History and Political Science is located in one of the class-rooms for the convenience of students pursuing the subjects. Private technical libraries on the subjects of Geology and Mineralogy are in the Peabody Museum, and under suitable restrictions may be used by students.

CHURCH SITTINGS

Free sittings for students in this department of Yale University are provided as follows: in the Center Church and United Church (Congregational); in Trinity Church and Christ Church (Episcopal); and in the First Methodist Church.

Those who prefer to pay for a sitting for one year, more or less, in the churches above mentioned, or in any other church of any denomination, will be aided on application to the Director of the School.

Sittings in the gallery of the College Chapel are free, as heretofore, to the students of this Department.

DEGREES

Students of this Department, on the recommendation of the Governing Board, are admitted by the Corporation of Yale University to the following degrees:

1. BACHELOR OF PHILOSOPHY: This degree is conferred on those who complete any of the three-year courses of study, passing all the examinations in a satisfactory manner.

2. MASTER OF SCIENCE: The requirements for this degree are stated on page 159.

3. CIVIL ENGINEER AND MECHANICAL ENGINEER: The requirements for these degrees are stated on pages 162 and 163.

4. DOCTOR OF PHILOSOPHY: The requirements for this degree are stated on page 160.

The degrees are publicly conferred by the President and Fellows of the University on Commencement Day.

HONORS

TWO-YEAR GENERAL HONORS are awarded at the end of Senior year to those members of the class who have shown a high degree of proficiency in all the studies of their course during Junior and Senior years. A candidate for such honors must present on or before June 10th of Senior year, a meritorious thesis on some subject approved by his Division Officer.

ONE-YEAR GENERAL HONORS are awarded at the end of Junior year to such students as have maintained a high standing for the year in all the studies of their course.

SPECIAL HONORS are awarded at the end of Junior and Senior years, to students not recipients of general honors who have shown special excellence in any particular study or studies. Seniors who are candidates for such honors must present an acceptable thesis unless excused by the Governing Board.

SCHOLARSHIPS AND PRIZES

The HOLMES SCHOLARSHIP, founded by Samuel Holmes, Esq., amounts to fifty dollars per year. The recipient must be a citizen of Middlebury, Prospect, Waterbury, or Wolcott, Connecticut; the appointments are made by the Board of Agents of the Bronson Library in Waterbury.

The ROGERS SCHOLARSHIP, founded in 1899, by a gift of five thousand dollars from Mr. William A. Rogers (class of 1874) of Buffalo, New York, is awarded, whenever there is a vacancy, at the end of Junior year, to a student of the Course in Biology or Chemistry who has attained high rank in the studies of the course. The annual income from this fund will be paid to the incumbent during his Senior year, and if the holder of the scholarship desires, he may retain the scholarship for one year of post-graduate study, providing he maintains, during Senior year, high rank in his studies.

The DANIEL C. EATON GRADUATE SCHOLARSHIP IN BOTANY. Mrs. Eaton has given a fund of two thousand dollars to found a Graduate Scholarship in Botany in commemoration of her husband, the late Professor Daniel C. Eaton. This scholarship, in the graduate department, will be open for competition to members of the Senior classes in the Academic and Scientific departments, on conditions to be prescribed by the Governing Board of the Sheffield Scientific School.

SHEFFIELD GRADUATE SCHOLARSHIPS.—Six scholarships of $100 each (covering the charges for tuition) are awarded, on application, to those members of the graduating class of the Sheffield Scientific School who have attained high proficiency in the special studies of their respective courses, and who desire to spend one or more years in graduate study. Each scholarship will be available for one year only. Application for these scholarships must be made in writing on or before June 1st to the head of the department to which the student belongs, with a statement as to the character of the graduate study to be pursued.

The BELKNAP PRIZE, founded by William R. Belknap, Esq., of the class of 1869, is awarded for excellence in all the Natural History studies of Senior year.

Prizes are also offered, annually, to members of the Senior class for excellence in Civil Engineering and in Mechanical Engineering; to members of the Junior and Senior classes in the Select Course, for excellence in History, as determined by special examination on assigned topics; to members of the Freshman class for excellence in all the studies of the year, in Physics, in German, in French, in English, in Chemistry, in Mathematics, and in Drawing.

The names of the three students most distinguished in the Department of Military Science are annually published in the United States Army Register.

GRADUATE SCHOOL

FACULTY

ARTHUR TWINING HADLEY, LL.D., PRESIDENT

ANDREW WHEELER PHILLIPS, PH.D., *Dean, and Professor of Mathematics*

WILLIAM HENRY BREWER, PH.D., *Professor of Agriculture*

JOHN EMORY CLARK, M.A., *Professor of Mathematics*

ARTHUR MARTIN WHEELER, LL.D., *Professor of History*

JOSIAH WILLARD GIBBS, PH.D., LL.D., *Professor of Mathematical Physics*

JOHN FERGUSON WEIR, N.A., M.A., *Professor of Painting and Design*

CHARLES BRINKERHOFF RICHARDS, M.A., *Professor of Mechanical Engineering*

ARTHUR WILLIAMS WRIGHT, PH.D., *Professor of Experimental Physics*

THOMAS RAYNESFORD LOUNSBURY, LL.D., L.H.D., *Professor of English*

EUGENE LAMB RICHARDS, M.A., *Professor of Mathematics*

JOHN HENRY NIEMEYER, M.A., *Professor of Drawing*

TRACY PECK, M.A., *Professor of Latin*

ADDISON EMORY VERRILL, M.A., *Professor of Zoology*

WILLIAM GRAHAM SUMNER, LL.D., *Professor of Political and Social Science*

Rev. GEORGE TRUMBULL LADD, D.D., LL.D., *Professor of Philosophy*

CHARLES HENRY SMITH, LL.D., *Professor of American History*

SIDNEY IRVING SMITH, M.A., *Professor of Comparative Anatomy*

WILLIAM GILBERT MIXTER, M.A., *Professor of Chemistry*

HENRY PARKS WRIGHT, PH.D., LL.D., *Professor of Latin*

HENRY SHALER WILLIAMS, PH.D., *Professor of Geology*

HENRY AUGUSTIN BEERS, M.A., *Professor of English Literature*

AUGUSTUS JAY DUBOIS, C.E., PH.D., *Professor of Civil Engineering*

BERNADOTTE PERRIN, PH.D., LL.D., *Professor of Greek*

EDWARD SALISBURY DANA, PH.D., *Professor of Physics*

THOMAS DAY SEYMOUR, LL.D., *Professor of Greek*

CHARLES SHELDON HASTINGS, PH.D., *Professor of Physics*

FRANK AUSTIN GOOCH, PH.D., *Professor of Chemistry*

ALBERT STANBURROUGH COOK, PH.D., L.H.D., *Professor of English*

WILLIAM BEEBE, M.A., *Professor of Mathematics and Instructor in Astronomy*

GEORGE BURTON ADAMS, PH.D., *Professor of History*

SAMUEL SIMONS SANFORD, M.A., *Professor of Applied Music*

HENRY WALCOTT FARNAM, R.P.D., *Professor of Political Economy*

EDWARD PARMELEE MORRIS, M.A., *Professor of Latin*

HENRY ROSEMANN LANG, PH.D., *Professor of Romance Philology*

RUSSELL HENRY CHITTENDEN, PH.D., *Professor of Physiological Chemistry*

SAMUEL LEWIS PENFIELD, M.A., *Professor of Mineralogy*

HORACE LEMUEL WELLS, M.A., *Professor of Analytical Chemistry and Metallurgy*

THOMAS DWIGHT GOODELL, PH.D., *Professor of Greek*

CHARLES EMERSON BEECHER, PH.D., *Professor of Historical Geology*

EDWARD WASHBURN HOPKINS, PH.D., *Professor of Sanskrit and Comparative Philology*

ARTHUR HUBBELL PALMER, M.A., *Professor of German*

HORATIO MCLEOD REYNOLDS, M.A., *Professor of Greek*

GEORGE MARTIN DUNCAN, M.A., *Professor of Philosophy*

E. HERSHEY SNEATH, PH.D., *Professor of Philosophy*

FRANK KNIGHT SANDERS, PH.D., D.D., *Professor of Biblical Literature*

LOUIS VALENTINE PIRSSON, PH.B., *Professor of Physical Geology*

EDWARD GAYLORD BOURNE, PH.D., *Professor of History*

GUSTAV GRUENER, PH.D., *Professor of German*

CHARLES CUTLER TORREY, PH.D., *Professor of Semitic Languages*

HORATIO WILLIAM PARKER, M.A., *Professor of Music*

JOHN CHRISTOPHER SCHWAB, PH.D., *Professor of Political Economy*

CHARLTON MINER LEWIS, PH.D., *Professor of English*

ROBERT NELSON CORWIN, PH.D., *Professor of German*

IRVING FISHER, PH.D., *Professor of Political Economy*

JAMES PIERPONT, PH.D., *Professor of Mathematics*

HANNS OERTEL, PH.D., *Professor of Linguistics and Comparative Philology*

PERCEY FRANKLYN SMITH, PH.D., *Professor of Mathematics*

HENRY CROSBY EMERY, PH.D., *Professor of Political Economy*

OTHER INSTRUCTORS

Rev. GEORGE PARK FISHER, D.D., LL.D., *Professor of Ecclesiastical History*

Rev. EDWARD CURTIS, PH.D., D.D., *Professor of Hebrew*

Hon. WILLIAM KNEELAND TOWNSEND, D.C.L., *Professor of Contracts, Patents, and Admiralty Jurisprudence*

Rev. WILLIAM FREMONT BLACKMAN, PH.D., *Professor of Christian Ethics*

Hon. EDWIN BAKER GAGER, B.A., *Instructor in Mortgages and Electrical Law*

SAMUEL EBEN BARNEY, C.E., *Assistant Professor of Civil Engineering*

FREDERICK WELLS WILLIAMS, B.A., *Assistant Professor of Modern Oriental History*

WILLIAM JAMES COMSTOCK, PH.B., *Instructor in Organic Chemistry*

JAY WEBBER SEAVER, M.D., *Associate Director of the Gymnasium*

Rev. FRANK CHAMBERLIN PORTER, PH.D., D.D., *Professor of Biblical Theology*

Rev. BENJAMIN WISNER BACON, LITT.D., D.D., *Professor of New Testament Greek*

WILLIAM GILBERT ANDERSON, M.D., *Associate Director of the Gymnasium*

EDWARD WHEELER SCRIPTURE, PH.D., *Director of the Psychological Laboratory*

WILBUR LUCIUS CROSS, PH.D., *Assistant Professor of English*

THOMAS CALHOUN STEARNS, PH.D., *Instructor in Ancient Philosophy*

WILLIAM LYON PHELPS, PH.D., *Assistant Professor of English Literature*

Rev. WARREN JOSEPH MOULTON, PH.D., *Instructor in Biblical Literature*

HENRY DAVIES, B.D., PH.D., *Lecturer on the History of Philosophy*

ALEXANDER WILLIAM EVANS, M.D., PH.D., *Instructor in Botany*

PHILIP EMBURY BROWNING, PH.D., *Assistant Professor of Chemistry*

OLIVER HUNTINGTON RICHARDSON, PH.D., *Assistant Professor of History*

HENRY LORD WHEELER, PH.D., *Assistant Professor of Organic Chemistry*

JAMES WILLIAM TOUMEY, M.S., *Assistant Professor of Forestry*

JAMES LOCKE, PH.D., *Instructor in Chemistry*

WALTER MELVILLE PATTON, PH.D., *Instructor in Semitic Languages*

MAURICE HENRY ROBINSON, B.A., *Instructor in Political Economy*

LAFAYETTE BENEDICT MENDEL, PH.D., *Assistant Professor of Physiological Chemistry*

JAMES W. D. INGERSOLL, PH.D., *Assistant Professor of Latin*

HENRY SOLON GRAVES, M.A., *Professor of Forestry*

GEORGE PRATT STARKWEATHER, PH.D., *Assistant Professor of Applied Mechanics*

HENRY BARRETT LEARNED, M.A., *Instructor in History*

WESLEY ROSWELL COE, PH.D., *Instructor in Biology*

GEORGE REDINGTON MONTGOMERY, B.A., *Lecturer in Philosophy*

THEODORE WOOLSEY HEERMANCE, PH.D., *Instructor in Greek Archæology*

WILLIAM ANTHONY GRANVILLE, PH.D., *Instructor in Mathematics*

RICHARD HOLBROOK, B.A., *Tutor in Romance Languages*

WILLIAM BACON BAILEY, PH.D., *Instructor in Statistics*

GERVASE GREEN, PH.D., *Instructor in Philosophy and Pedagogy*

MEYER WOLODARSKY, PH.D., *Instructor in Rabbinical Literature*

ALBERT GALLOWAY KELLER, PH.D., *Instructor in Social Science*

HERBERT EDWIN HAWKES, PH.D., *Instructor in Mathematics*

HERBERT ERNEST GREGORY, PH.D., *Instructor in Physical Geography*

SHERWOOD OWEN DICKERMAN, B.A., *Tutor in Greek*

EDWIN BIDWELL WILSON, B.A., *Instructor in Mathematics.*

ADMINISTRATIVE COMMITTEE,

WITH CONSULTATION HOURS

ARTHUR TWINING HADLEY, LL.D., PRESIDENT,
Room 6, Treasury Building, daily, 8.30 A. M. to 1 P. M.

ANDREW WHEELER PHILLIPS, PH.D., DEAN, *and Professor of Mathematics*, 90 High street, daily, except Saturday, 2.30 to 4 P. M.

ARTHUR MARTIN WHEELER, LL.D., *Professor of History*,
C_2 Osborn Hall, Monday, Tuesday, Thursday and Friday, 11 A. M.

CHARLES BRINCKERHOFF RICHARDS, M.A., *Professor of Mechanical Engineering*, 112 Winchester Hall, Tuesday and Friday, 10 A. M.

REV. GEORGE TRUMBULL LADD, D.D., LL.D., *Professor of Philosophy*,
275 Lawrance Hall, Monday and Thursday, 11 A. M.

THOMAS DAY SEYMOUR, LL.D., *Professor of Greek*,
22 Phelps Hall, daily, 11 A. M. to 12 M.

ALBERT STANBURROUGH COOK, PH.D., L.H.D., *Professor of English*,
219 Bishop street, Monday and Thursday, 1.30 P. M.

HENRY WALCOTT FARNAM, R.P.D., *Professor of Political Economy*,
43 Hillhouse av., daily, except Saturday, 2 to 3 P. M.

RUSSELL HENRY CHITTENDEN, PH.D., *Professor of Physiological Chemistry, and Director of the Sheffield Scientific School*, 3 Sheffield Hall, Monday, Tuesday, Wednesday, and Thursday, 10 A. M. to 12 M.

FRANK KNIGHT SANDERS, PH.D., D.D., *Professor of Biblical Literature*,
235 Lawrence st., Monday, Tuesday and Friday, 2 to 3 P. M.

GENERAL STATEMENT

ORGANIZATION

The Graduate School of Yale University forms a section of the Department of Philosophy and the Arts, which was first formally organized in 1847 for scientific and graduate instruction, but now includes Yale College, the Sheffield Scientific School, the School of the Fine Arts, the Department of Music, and the Forest School.

The degrees of Doctor of Philosophy and Civil Engineer were first offered in 1860, the degree of Dynamical or Mechanical Engineer in 1873, that of Master of Arts (previously given without evidence of study) in 1874, and that of Master of Science in 1897.

The professors in the several sections of the Department of Philosophy and the Arts together constitute the Faculty of the Graduate School. The general oversight of graduate instruction and graduate students is entrusted to the Dean and the Administrative Committee, who may be called upon for information and advice. Students are expected to report to the Dean soon after reaching New Haven.

ADMISSION AND REGISTRATION

Graduates of this and other Colleges and Universities, and (in exceptional cases, by special permission) other persons of liberal education, who are at least eighteen years old, are received as students for longer or shorter periods, with or without reference to the attainment of a degree.

All graduate students who are not regularly enrolled in any other department of the University are required to register their names at the office of the Dean at the beginning of each year of study.

The degree of Doctor of Philosophy, with the courses of the Graduate School leading thereto, is open to candidates without distinction of sex.

INSTRUCTION

Courses of study are offered in the following departments:

I. PSYCHOLOGY, ETHICS, AND PHILOSOPHY, page 219 ff.
II. ECONOMICS, SOCIAL SCIENCE, HISTORY, AND LAW, page 227 ff.
III. SEMITIC LANGUAGES AND BIBLICAL LITERATURE, page 238 ff.
IV. CLASSICAL AND INDO-IRANIAN PHILOLOGY, page 245 ff.
V. MODERN LANGUAGES AND LITERATURES, page 256 ff.
VI. NATURAL AND PHYSICAL SCIENCE, page 265 ff.
VII. PURE AND APPLIED MATHEMATICS, page 277 ff.
VIII. THE FINE ARTS, page 287 ff.
IX. MUSIC, page 288 ff.
X. PHYSICAL EDUCATION, page 289 ff.

Instruction is given partly by lectures, partly in recitations and by oral and written discussions, partly by directing courses of reading, and partly by the direction of work in the laboratories and with instruments.

The attention of teachers who desire to fit themselves more thoroughly for a higher grade of professional work is called to the advantages offered by this department for pedagogical instruction and discipline. In addition to the special and advanced study of the subjects in which the graduate student desires instruction, and the pursuit of courses in psychology, ethics, philosophy, and of other courses cognate with pedagogy, opportunity is afforded to observe the actual practice in the class-room, as well as the organization of the different departments of the University and their methods of work.

CLUBS

In various voluntary associations, instructors and students meet together periodically for the reading of papers, oral discussions, etc.; such are:

THE CLASSICAL CLUB.
THE MATHEMATICAL CLUB.
THE POLITICAL SCIENCE CLUB.

THE PHILOSOPHICAL CLUB.
THE SEMITIC AND BIBLICAL CLUB.
THE MODERN LANGUAGE CLUB.
THE ENGLISH CLUB.
THE PHYSICS JOURNAL CLUB.
THE ENGINEERS' CLUB.
THE CHEMICAL CLUB.
THE HISTORICAL CLUB.
THE PHYSICAL CLUB.
THE GEOLOGICAL CLUB.
THE BIOLOGICAL CLUB.

FEES AND EXPENSES

The fee for instruction is generally one hundred dollars per year; but it may be more, or less, according to the courses pursued and the amount of instruction received.

A special fee of five dollars is charged to those who use the Gymnasium, and one of two dollars to those admitted to the use of the College Reading-Room.

Board is obtained at prices varying from three and a half to eight dollars a week. The average price is under five dollars.

A list of suitable rooms is kept at the Dean's office.

LIBRARIES AND READING-ROOMS

Students have the free use of all the Libraries of the University. The whole number of volumes in the several libraries of the University is more than 300,000.

The UNIVERSITY LIBRARY contains about 265,000 volumes, and many thousands of unbound pamphlets. Its READING-ROOM contains the books most important for daily consultation and reference, together with scholarly periodicals. Of current periodical publications, including publications of learned societies, the Library receives an unusually large number,—the foreign serials alone being not less than five hundred.

The LINONIAN AND BROTHERS LIBRARY contains about 22,000 volumes of the best current literature.

The COLLEGE READING-ROOM receives fifty-five daily newspapers, American and foreign, nearly sixty weeklies, and seventy-four other periodicals,—in addition to the periodicals received at the University Library. Graduate Students are admitted to the College Reading-Room on payment of an annual fee of two dollars.

The SHEFFIELD SCIENTIFIC SCHOOL LIBRARY contains 5,000 volumes, largely mathematical.

The ART SCHOOL LIBRARY contains about 500 volumes of expensive illustrated works.

The LOWELL MASON LIBRARY contains 4,000 volumes of music.

The Peabody Museum, the Observatory, and the several Laboratories have valuable technical libraries.

Several of the departments of study (the Classical, English, Germanic, Political Science, and Historical) have special libraries of standard works for the use of advanced students.

Dwight Hall, the headquarters of the Young Men's Christian Association, is provided with a good library and a pleasant reading-room, besides the halls used for religious meetings.

A parlor and study-room at 135 Elm street is fitted up for the special use of the women studying in the Graduate School.

LABORATORIES, MUSEUMS, AND COLLECTIONS

The Peabody Museum of Natural History.

The Physical, the Chemical, the Biological, and the Engineering Laboratories, and the Eaton Herbarium, of the Sheffield Scientific School.

The Sloane Physical, the Kent Chemical, and the Psychological Laboratories of Yale College.

The collections of the School of Fine Arts.

The collection of coins in the University Library, and various collections of models, casts, and photographs used in the teaching of mathematics and in other departments of instruction.

LECTURES AND CONCERTS

The following courses of public lectures and concerts are open to the students of the University:

THE SHEFFIELD COURSE.
THE ART COURSE.
THE DIVINITY SCHOOL LECTURE COURSES.
THE AMERICAN LECTURES ON THE HISTORY OF RELIGIONS.
THE DWIGHT HALL COURSE.
THE PHI BETA KAPPA COURSE.
THE UNIVERSITY CHAMBER CONCERTS.
THE SYMPHONY ORCHESTRA CONCERTS.
THE TROWBRIDGE LECTURES IN THE ART SCHOOL.
THE DODGE LECTURE COURSE.
THE BROMLEY LECTURE COURSE.
THE YALE PUBLIC LECTURES.

DEGREES

The DEGREE OF DOCTOR OF PHILOSOPHY is conferred upon those students who show the results of resident graduate work by a thesis giving evidence of high attainment and power of investigation, and by an examination on studies whose grade and amount meet the approval of the Faculty. Under ordinary circumstances two or more years' work in residence will be required, but in exceptional cases work of equal grade at another University may take the place of a year's residence here. The thesis must be deposited at the Library for public inspection, not later than May 1. A good knowledge of Latin, German, and French is required in all cases,

unless, for some very exceptional reasons, the candidate be excused by the Faculty. Evidence of sufficient attainments in these languages must be furnished the Dean at least two years before the degree is given. The fee for instruction is one hundred dollars per year. The fee for graduation is ten dollars.

The DEGREE OF MASTER OF ARTS is conferred on Bachelors of Arts of Yale College (and upon Bachelors of Arts of other colleges who have pursued a course of study equivalent to that pursued in Yale College) of two years' standing or upwards, who have given to the College Faculty evidence of having made satisfactory progress in liberal studies after receiving their first degree. Such evidence may be furnished by one year's systematic study (not professional) in New Haven, under the direction of the College Faculty, followed by an examination. Graduates of other colleges can obtain the degree only by residence as thus described. The charge for instruction will usually be one hundred dollars per year, with a fee of ten dollars for the degree.

Such Bachelors of Arts *of Yale College* as may not choose to reside at the College for study may at any time not less than three years after graduation, show, in either of the two following ways, that they have spent a year in liberal (and non-professional) study, and are worthy of recommendation for this degree. (1) Such candidates may apply to the Faculty for the designation of a course of study, on which an examination shall be taken. This application must be accompanied by a fee of twenty-five dollars. (2) Or a candidate may submit as evidence of his fitness for this degree a printed essay, for the examination of which a fee of twenty-five dollars (to be paid in advance) is required. An additional fee of ten dollars will be charged in all cases for the degree.

A committee of the Faculty is appointed (consisting for the present year of Professors Wheeler and Phillips), to

whom candidates for this degree must submit their proposed courses of study for approval by the first of November in each year; and the evidence of a year's study must be submitted to the same committee by June 1.

The DEGREE OF MASTER OF SCIENCE is conferred on graduates of this or other universities, of two years' standing or upwards, who have taken their first degree in science and who pursue successfully a higher course of study in science under the direction of the Governing Board of the Sheffield Scientific School. Such a course involves at least one year of resident graduate study, followed by an examination and presentation of a satisfactory thesis in some department of science. A committee of the Faculty is appointed, to whom candidates for this degree must submit their proposed courses of study for approval before the end of October of each year.

The DEGREES OF CIVIL ENGINEER AND OF MECHANICAL ENGINEER are conferred on Bachelors of Philosophy who have taken the first degree in Engineering study, and who pursue a higher course under the direction of the Governing Board of the Sheffield Scientific School for at least two years, sustaining a final examination, and giving evidence of their ability to design important constructions and to make the requisite drawings and calculations. The fee for graduation is five dollars.

FELLOWSHIPS

FIVE FELLOWSHIPS yielding four hundred dollars each, not exempting the holders from charges of tuition, have been created by the Corporation out of the income of University funds. These fellowships are open to graduates of all colleges, but preference is given to those who have already spent at least one year in graduate study, and have shown capacity for original work.

The CLASS OF '90 FELLOWSHIP, yielding one hundred and fifty dollars, is awarded to a student who has shown ability to do research work.

The YALE ALUMNI ASSOCIATION OF CALIFORNIA FELLOWSHIP of three hundred dollars is given to a graduate of one of the California Universities, pursuing studies at Yale in the Graduate School. The incumbent is selected by the Association.

The following Fellowships are, by the terms of the donations, open only to graduates of the Academical Department of Yale University.

THE DOUGLAS FELLOWSHIP.
THE SOLDIERS' MEMORIAL FELLOWSHIP.
THE SILLIMAN FELLOWSHIP.
THE JOHN SLOANE FELLOWSHIP.
THE SCOTT HURTT FELLOWSHIP.
THE ELLEN BATTELL ELDRIDGE FELLOWSHIPS (two).
THE MACY FELLOWSHIP.
THE LARNED FELLOWSHIPS (three).
THE FOOTE FELLOWSHIPS (three).
THE CUYLER FELLOWSHIP.

SCHOLARSHIPS

TWENTY SCHOLARSHIPS, yielding one hundred dollars each, have been created by the Corporation out of the income of University funds. These scholarships are open to graduates of all colleges.

The following Scholarships are open only to graduates of the Academic Department of Yale University.

THE CLARK SCHOLARSHIPS, and
THE W. W. DE FOREST SCHOLARSHIP.

The DANIEL C. EATON GRADUATE SCHOLARSHIP IN BOTANY is endowed with the income of a fund of two thousand dollars given by Mrs. Eaton in commemoration of her husband, the late Professor Daniel C. Eaton. This

scholarship will be open for competition to members of the Senior classes in the Academic and Scientific departments, on conditions to be prescribed by the Governing Board of the Sheffield Scientific School.

The HENRY C. ROBINSON SCHOLARSHIP, founded in 1900 in the name of Mrs. Mary Robinson Cheney, of Hartford, Conn., and her sister, Miss Eliza Robinson, in memory of their uncle, Henry C. Robinson, of the class of 1852, consists of the income from five thousand dollars. It is awarded annually to a student of the Graduate School, selected on the ground of ability and scholarship.

Six scholarships of $100 each (covering the charges for tuition) are awarded, on application, to those members of the graduating class of the Sheffield Scientific School who have attained high proficiency in the special studies of their respective courses, and who desire to spend one or more years in graduate study in the School. Each scholarship will be available for one year only. Application for these scholarships must be made in writing on or before June 1st to the head of the department to which the student belongs, with a statement as to the character of the graduate study to be pursued.

Candidates for appointment to Fellowships and Scholarships should send their applications, accompanied by letters of recommendation and other evidence of the excellence of their work already accomplished, to the Dean, Professor Andrew W. Phillips, not later than May 1.

COURSES OF INSTRUCTION

Courses marked with an asterisk (*) are undergraduate courses, but are open to graduate students, provided that these have the consent of the instructor and the approval of the Faculty.

The number of hours stated means, when not otherwise specified, hours of exercise, lectures, or recitations, each week through the year.

COURSES OF INSTRUCTION

I. PSYCHOLOGY, ETHICS, AND PHILOSOPHY

GEORGE T. LADD, D.D., LL.D.
GEORGE M. DUNCAN, M.A.
EDWARD W. SCRIPTURE, Ph.D.
HENRY DAVIES, Ph.D.
GEORGE R. MONTGOMERY, B.A.
HENRY S. WILLIAMS, Ph.D.
E. HERSHEY SNEATH, Ph.D.
THOMAS C. STEARNS, Ph.D.
GERVASE GREEN, Ph.D.

Professor LADD :—

1 *Kant Seminary.* 2 hrs.

A thorough study of the *Critique of Pure Reason* and, if time permits, a less thorough study of the *Critique of Practical Reason.* After an expository and critical lecture, a paper upon a topic given out some time in advance is read, to be followed by discussion on the part of both teacher and class.

The effort is constantly made to understand Kant's system of thinking in the light of the history of opinion since his time, and especially of opinion upon the same subjects in the present day.

2 *Ethical Seminary.* 2 hrs.

The principal topics in the philosophy of conduct are studied in detail ; such as the origin and development of moral consciousness, the conceptions of duty, virtue, and the moral law, the nature, ground, and sanction of the right, and the different "Schools" of ethical writers. The method of study combines lectures with papers and discussions by the class, and special research work for those who desire to investigate more thoroughly the literature of the particular subjects. Aristotle's *Nicomachean Ethics* is made the basis of discussion.

*3 *Introduction to Philosophy.* 2 hrs.

[See Course 2, page 74.]

During the latter half of the course special emphasis is laid upon the philosophy of life and of conduct, in connection with the discussion of problems in Ethics, Aesthetics, and the Philosophy of Religion.

*4 *Abnormal Psychology.* 1 hr.

[See Course 6, page 75.]

Professor DUNCAN :—

5 *Advanced Psychology.* 2 hrs.

This is a course in General Psychology, in which a detailed study is undertaken of the phenomena of mental life from the scientific point of view. James's *Principles of Psychology* is read, with constant reference to Ladd's *Psychology, Descriptive and Explanatory*, Sully's *Human Mind*, and the works of other leading modern authors ; and the reading is accompanied by papers, discussions, and lectures.

6 *Epistemology.* 2 hrs.

(*a*.) The nature and conditions of formal truth are studied in connection with the reading of an advanced work on logic, such as Hobhouse's *Theory of Knowledge*. This is followed by a study of the psychology of knowledge and by an examination of the nature, limits, and grounds for the validity of our knowledge of reality. Professor Ladd's *Philosophy of Knowledge* is read in connection with the latter part of the course.

[To be given, 1901–1902.]

(*b*.) An historical and critical examination of speculations (more especially from Descartes to the present day) relating to the *philosophy of knowledge:* the history of opinion on the theory of knowledge is traced and the views of the more important thinkers are critically examined with a view to the construction of a positive doctrine of knowledge. The course is conducted in the *seminary* method. Much of the work is research,—the results being presented in papers for discussion.

7 *Metaphysics.* 2 hrs.

The systematic and critical study of the problems of general metaphysics is undertaken, including an examination of such conceptions as being, space, time, causation, energy, relation, quality, etc. Portions of Lotze's *Metaphysics*, Bowne's *Metaphysics*, Bradley's *Appearance and Reality*, Wundt's *System der Philosophie*, Ladd's *Theory of Reality*, Royce's *The Four Historical Conceptions of Being*, and Ward's *Naturalism and Agnosticism* are read and discussed ; but the exercises consist principally in the presentation and discussion of elaborate papers embodying the results of research by the class.

[Omitted in 1900–1901.]

8 *The Philosophy of Herbert Spencer.* 2 hrs.

This course is a study of the Evolution Theory of Spencer in its psychological, ethical and metaphysical aspects. Spencer's *First Principles of Philosophy*, *Principles of Psychology* (selections), and *Data of Ethics* are read and discussed.

*9 *History of Modern Philosophy.* 2 hrs.

An elementary study of the development of speculative thought from Descartes to the present time, with cursory reading of philosophical masterpieces from Descartes to Kant: Descartes' *Method* and *Principles of Philosophy, pt. I;* Bacon's *Novum Organum;* Spinoza's *Ethics*—selections; Locke's *Essay on Human Understanding*—selections; Leibnitz's *Monadology and Philosophical Opuscules;* Berkeley's *Principles of Human Knowledge;* Hume's *Inquiry concerning Human Understanding;* Reid's *Inquiry into the Human Mind;* Kant's *Prolegomena to any Future Metaphysic.* This course (which is largely a lecture course, with frequent written exercises on the texts read and occasional examinations on both the lectures and texts), while intended primarily for general culture, also aims to be an introduction to the more special study of philosophy in its various branches and problems.

[Omitted in 1900–1901.]

Professor WILLIAMS:—

10 *The Principles of Evolution.* 2 hrs.

[Omitted in 1900–1901.]

Professor SNEATH:—

11 *History of Modern Ethics.* 2 hrs.

A study of the development of ethical thought from Hobbes to the present time. The course deals primarily with British ethics. However, the development of German ethics from Kant to Schopenhauer is carefully considered. Lectures and elaborate papers.

12 *Philosophical Scepticism.* 2 hrs.

This course involves an historical and critical examination of scepticism with special reference to the construction of a theory of knowledge. It is divided into three parts as follows:

1. *Historical.* The work in this part of the course includes an examination of the nature of scepticism as revealed in the

history of speculative thought. It involves a study of the scepticism of the Sophists; the Earlier and Later Pyrrhonists; the Middle and New Academies; the scepticism of Augustine and Descartes; of Hume and Kant; the positivism of Comte, Mill, and Lewes; the relativism of Hamilton and Mansel; and the agnosticism of Spencer.

2. *Critical.* After considering the significance of scepticism, a careful examination is made into the causes and grounds of scepticism, special attention being given to sensationalism and error.

3. *Constructive.* This part of the course is devoted to a study of the psychology and philosophy of knowledge—to an inquiry into the nature, origin, validity, and extent of knowledge. The work is conducted in the *seminary* method.

[Omitted in 1900–1901.]

13 *Philosophy of Mind.* 1 hr.

Beginning with the facts and laws established by empirical psychology, this course aims at the construction of a metaphysic of mind. The following are some of the subjects treated: The concept of mind; the reality, nature, genesis, and destiny of mind; the relations of mind and body: materialistic objections, etc. The course is based on Ladd's *Philosophy of Mind.*

[Omitted in 1900–1901.]

*14 *Philosophical Anthropology.* 2 hrs.

This course furnishes an outline study of man, his body and mind in their relations, his relations to nature, to his fellows, and to God.

Dr. SCRIPTURE:—

*15 *Psychology (Physiological and Experimental).* 2 hrs.

[See Course 10, page 76.]

*16 *Psychology (Elementary Laboratory Course).* 2 hrs.

[See Course 11, page 76.]

*17 *Psychology of Expression (Gesture, Speech, Music).* 1 hr.

[See Course 12, page 76.]

18 *Experimental Phonetics.* 1 hr

A series of lectures, laboratory exercises and readings in the application of experimental methods to speech, song, rhythm,

verse, etc. Rousselot's *Phonétique expérimentale* and a series of monographs are read. The general theory of speech and verse as forms of mental expression is given in course 17. The number admitted to the course is limited; personal application should be made to the instructor. The student specially interested is advised to take course IV, 55.

19 *Theory of Statistics and Measurements.* 1 hr.

A study of the theory of probabilities and its application to practical work in the statistics and measurements of mental phenomena. Open only to students who have some knowledge of calculus.

[Omitted in 1900–1901.]

20 *Psychology (Technical Course).* 1 hr.

This course consists of a series of exercises for those who expect to teach experimental psychology and to manage a laboratory. The instruction covers: the principles involved in making, repairing, and caring for apparatus, with practical training in wood and metal work; the methods of experimental demonstration, with practice in the preparation of lantern slides and the use of lime-light and electric lanterns; the principles of laboratory economy, etc. The workshop practice is cared for by a special instructor. The student is expected to make several pieces of apparatus involving the use of the lathe and the various small tools. He is urged to become sufficiently familiar with apparatus and lantern-work to give successfully an illustrated lecture; practice lectures are given and subjected to criticism.

[Omitted in 1900–1901.]

20*a* *Psychology (Research).* 4 hrs.

Only those who have had sufficient experience are permitted to undertake independent investigations. Special arrangements are made for candidates for the degree of Doctor of Philosophy. The results of all investigations belong to the archives of the laboratory. Those who undertake investigations thereby agree to prepare the results for publication, subject to approval, in the *Studies from the Yale Psychological Laboratory.*

21 *Educational Psychology.* 1 hr.

The application of modern psychological principles to educational subjects; psychology of touch, its use in education; motor abilities, fundamental principles of writing and drawing; sight, color-teaching; space, form-teaching, drawing; attention,

concentration and distraction, laws for developing attention; memory, experimental study of, development and training; imagination, necessity of development and repression; emotions, will, their training and control; education of the blind, the deaf and other defectives; child-study, principles of anthropometry and psychometry; economy in education, correlation and concentration of instruction; various educational subjects from a psychological standpoint, — amusement, play, toys, picture-books, object-lessons, etc. The course is illustrated with experiments, lantern views, and a collection of educational material from Europe and America.

Dr. DAVIES :—

22 *Aesthetics.* 1 hr.

The object of this course is to review the history of thought on the subject of the beautiful; to give a philosophical account of the foundations upon which the arts rest; and to study scientific theory of art in its relation to general philosophical system. Bosanquet's *History of Aesthetics*, Rutgers Marshall's *Pain, Pleasure, and Aesthetics*, and other works, are read in connection with the course.

23 *Philosophy of the Early Christian Fathers.* 1 hr.

This course of lectures gives a detailed view of the development of Christian thought during the first three centuries. Its object is to trace the philosophical influences which helped to modify Christianity during this period; to show how Christianity triumphed over heathen philosophy, and how the beginnings of a Christian philosophy were made; and to estimate critically the value of these early results for modern thought.

[The two following courses may be taken either as studies in philosophy or as studies in Greek. Philological discussions are introduced into both these courses in so far as such discussions may be necessary to a clear understanding of the thought involved.]

Dr. STEARNS :—

24 *Pre-Socratic Philosophy.* 2 hrs.

The sources and remains of the earliest Greek Philosophy are critically examined and interpreted with a view to explain

the origin and first developments of that line of reflective thinking which has had most influence upon the modern scientific and philosophical ideas and problems.

25 *Aristotle's Metaphysics.* 2 hrs.

Selected chapters in the Metaphysics are translated and interpreted. Especial emphasis is laid upon the new and enduring conceptions which underlie Aristotle's thinking. The effort is made constantly to understand the philosophical thought of the author, and to illustrate and criticise it by comparison with the now current thought on the same topics.

*26 *Plato's Philosophical System.* 2 hrs.

Nearly all the well-authenticated Dialogues are read and thoroughly discussed, with a view to determining as far as possible Plato's opinions upon the principal philosophical questions. Especial attention is given to the theory of *Ideas.* Jowett's translation of the Dialogues is used as a text-book.

*27 *Ancient Philosophy.* 2 hrs.

This is an elementary course designed to meet the wants not only of the student who desires, in the way of general culture, to know something about the scientific thoughts of the Greeks, which have so greatly determined the course of history, but also of the student who wishes an historical basis for his philosophical studies.

Dr. GREEN :—

28 *History and Theory of Education.* 2 hrs.

This course comprises readings and lectures on the history and theory of modern education. The bearing of psychology upon methods of teaching and curricula is considered, followed by a study of the works of the great educational reformers, closing with a critical study of present theory and practice. The course is especially but not exclusively adapted to all who intend to engage in educational work.

29 *Lotze's Microcosmus.* 2 hrs.

This course is conducted in such a way as to furnish the student with an opportunity to read this classic work, and at the same time give him practice in philosophical exposition and criticism.

*30 *Outlines of General Philosophy.* 2 hrs.

This course aims to furnish the student with a knowledge of the main problems of general philosophy, and to acquaint him with the various answers which have been given to these problems. Selections from various authors are read, including Paulsen's *Introduction to Philosophy*, Bowne's *Theory of Thought and Knowledge*, Seth's *Study of Ethical Principles.*

Mr. MONTGOMERY :—

31 *Modern German Philosophy.* 2 hrs.

The class reads in German Eucken's *Geschichte und Kritik der Grundbegriffe der Gegenwart* (2 ed., 1893) for the two-fold purpose of acquiring familiarity with German philosophical language and with recent trends of German thought.

32 *French Philosophy in the xixth Century.* 2 hrs.

The class reads rapidly in French E. Caro's *Philosophie et Philosophes* both for the sake of the philosophical terminology and also as a basis for discussions of the French philosophical writings of the day.

The PHILOSOPHICAL CLUB is designed to afford opportunity both for comparison and discussion of views among all the students in this Department, and also for hearing addresses and papers from distinguished authorities on philosophical subjects, who are not connected with the Department as teachers. The regular meetings of the Club are fortnightly, on Tuesday evening. All graduate students who take courses in philosophy are entitled to membership, on application ; others may be admitted to membership by vote of the existing members.

II. ECONOMICS, SOCIAL SCIENCE, HISTORY AND LAW

GEORGE P. FISHER, D.D., LL.D.
ARTHUR M. WHEELER, LL.D.
CHARLES H. SMITH, LL.D.
HENRY W. FARNAM, R.P.D.
WILLIAM F. BLACKMAN, Ph.D.
JOHN C. SCHWAB, Ph.D.
HENRY C. EMERY, Ph.D.
OLIVER H. RICHARDSON, Ph.D.
EDWIN B. GAGER, B.A.
WILLIAM B. BAILEY, Ph.D.
HERBERT E. GREGORY, Ph.D.
WILLIAM H. BREWER, Ph.D.
WILLIAM G. SUMNER, LL.D.
WILLIAM K. TOWNSEND, D.C.L.
GEORGE B. ADAMS, Ph.D.
EDWARD G. BOURNE, Ph.D.
IRVING FISHER, Ph.D.
FREDERICK WELLS WILLIAMS, B.A.
MAURICE H. ROBINSON, M.A.
ALBERT G. KELLER, Ph.D.
HENRY B. LEARNED, M.A.

ECONOMICS AND SOCIAL SCIENCE

Professor SUMNER :—

1 *Anthropology.* 2 hrs.

A careful study of Ranke's *Der Mensch* (2d ed.), with an examination of the separate topics by means of all the appropriate material.

2 *The Self-Perpetuation of Society.* 2 hrs.

An historical and ethnological study of the evolution of the *Marriage Institution; mores*, taboo, idealization. The *Family;* its forms, parenthood, kinship, status of woman. Comparative legislation on domestic relations. *Population.* The history, law and policy of population.

3 *The Mental Reactions.* 2 hrs.

An ethnological study of the development of the *Mental Processes* and of the growth and contents of the *Mental Outfit* of the human race in the earlier stages. Ghost-fear, daimonism, otherworldliness, knowledge and pseudo-knowledge, the aleatory element, world-philosophy, *mores*, codes, taboo, therapeutics, etc.

[Omitted in 1900–1901.]

4 *The Beginnings of the Industrial Organization.* 2 hrs.

An ethnological study of the industrial organization from its earliest beginnings. Division of labor between the sexes and

the special functions of each; regulation of industry; slavery; formation of capital; discoveries and inventions; domestication of animals and plants; money, etc.

[Omitted in 1900–1901.]

5 *The Industrial Revolution of the Renaissance Period.* 2 hrs.

A chapter in the history of the development of the industrial organization. The industrial element in the Renaissance. The transition from medieval to modern society in its causes, new elements, effects on classes, effects on economic doctrine. Changes imposed on the industrial organization; world-commerce, land-tenure, handicrafts, banking, and money.

[Omitted in 1900–1901.]

*6 *The Science of Society.* 2 hrs.

[See Course 40, page 82.]

*6a *The Science of Society.* 2 hrs.

[See Course 41, page 83.]

Professor FARNAM :—

7 *Social Politics.* 2 hrs.

A critical and historical study of legislation designed to better the condition of the weaker members of society, considered in its relations to self-help and voluntary activity. Among the topics specially considered are pauperism, workingmen's insurance, factory legislation, coöperation, professional associations.

8 *The Principles of Public Finance.* 2 hrs.

A systematic survey of the means by which the expenditures of government are met, regard being had both to the economic principles involved and to the fiscal systems of modern states. Leading topics are: the budget, taxation (national and local), public debts, and state banks considered as aids to public credit.

[Omitted in 1900–1901.]

Professors SCHWAB and EMERY :—

*9 *Economics.* 2 hrs.

[See Course 30, page 80.]

*10 *United States Industrial History.* 2 hrs.

[See Course 34, page 81.]

Professor SCHWAB :—

*11 *Finance.* 2 hrs.

[See Course 32, page 80.]

*12 *Finance.* 1 hr.

[See Course 33, page 80.]

*13 *United States Public Finance.* 1 hr.

[See Course 35, page 81.]

14 *The Financial and Industrial History of the South, 1861–5.* 1 hr.

Lectures upon selected topics in the field indicated.

[Omitted in 1900–1901.]

Professor EMERY :—

15 *Commercial Policy.* 1 hr.

A study of the growth of international trade and recent commercial policy. A reading knowledge of either German or French is necessary; and a knowledge of both languages is desired. The work of the course consists chiefly in the preparation of papers.

[Omitted in 1900–1901.]

*16 *History of Economic Theory.* 2 hrs.

[See Course 39, page 82.]

Professor IRVING FISHER :—

17 *Mathematical Economics.* 1st term.

[Omitted in 1900–1901.]

Professor BLACKMAN :—

18 *Social Philosophy.* 2 hrs. 1st term.

The principal sociological writers are classified in "Schools" and their points of view and methods are compared and contrasted: *a.* contractual (Rousseau); *b.* positivist (Comte); *c.* evolutionary (Herbert Spencer, Drummond); *d.* biological (Schäffle, Worms); *e.* psychological (Tarde, Durkheim, Le Bon, Simmel, Giddings, Baldwin, Izoulet); *f.* group-wise, observational, statistical (Gumplowicz, LePlay, Quetelet).

19 *Practical Sociology.* 2 hrs. 2d term.

This course includes the following topics: the four fundamental and perduring social institutions, family, church, state, and property; anarchism, individualism, socialism, communism; the negro; the immigrant; the city; the wage and factory system; and the defective, dependent, vicious and criminal classes (charities and correction). The lectures are supplemented by reports and book-reviews by the students. A visit of two or three days to the charity and correctional institutions of New York, for which careful preparation is made in advance and which furnishes topics and illustrations for subsequent discussion in the class-room, will probably be made, as heretofore.

20 *Anarchism, Socialism and Communism.* 1 hr.

This course is a study of definitions, historical developments, principles and programs. Books, pamphlets, manifestoes and party platforms are read, as far as possible in the original languages, and reported upon for discussion before the class.

21 *A Sociological Study of the Family.* 1 hr. 2d term.

Its biological and psychological bases; its history; matriarchy and patriarchy; polyandry, polygyny, monogamy; heredity, physical and social; prostitution, and divorce; the moral and social significance of the family.

22 *The Social Teaching and Influence of Christianity.* 1 hr.

Selected portions of the following works are studied and discussed: Friedländer's *Sittengeschichte Roms*, Sienkiewicz's *Quo Vadis*, Mathews's *Social Teaching of Jesus*, Schmidt's *Social Results of Early Christianity*, Uhlhorn's *Conflict of Christianity with Heathenism* and *Die Christliche Liebesthätigkeit*, Nash's *Genesis of the Social Conscience*, Lecky's *History of European Morals*, Dennis's *Christian Missions and Social Progress*, Blackman's *Making of Hawaii*.

23 *Ethical and Social Ideals in modern English Poetry.* 1 hr. 1st term.

Dr. BAILEY :—

*24 *Statistics.* 2 hrs.

[See Course 31, page 80.]

*25 *American Social Conditions.* 2 hrs.
[See Course 38, page 82.]

26 *The Economic Systems of Classical Antiquity.* 1 hr.
A critical study is made of the political and social institutions of Greece and Rome. The lectures treat of the income and expenditure of the state, the currency, credit instruments, poor relief, slavery, land tenure, commerce, trade regulations, marriage institutions, etc.

Drs. GREGORY and KELLER :—

*27 *Environmental Influences on Man.* 1 hr.
[See Course 43, page 83.]

Dr. KELLER :—

*28 *Homeric Society.* 1 hr.
[See Course 42, page 83.]

Mr. ROBINSON :—

*29 *Industrial Combinations.* 1 hr.
[See Course 37, page 81.]

*30 *Comparative Politics.* 2 or 3 hrs.
[See Course 47, page 84.]

Mr. E. B. GAGER and Professor W. K. TOWNSEND :—

*31 *Law.* 2 hrs.
[See Course 45, page 83.]

HISTORY

Professor BREWER :—

33 *Physical Geography in its relation to History.*
1 hr. 2nd half of 2d term.
A course of about ten lectures discussing the following topics : the relations of man to the region he inhabits ; physical geography as related to the development of civilization ; natural aids to the defence and protection of communities ; natural facilities for commerce ; the effect of these several factors on the history of nations ; and the modification of these natural conditions by modern science and invention.

Professor WHEELER :—

34 *History of Treaties, 1763–1815.* 1 hr.

[Omitted in 1900–1901.]

*35 *History of Europe since 1789.* 2 hrs.

[See Course 55, page 87.]

36 *Investigation of special topics in European History from 1789 to 1815.* 1 hr.

A general knowledge of the period, and ability to read French or German easily, are required.

[Omitted in 1900–1901.]

37 *Constitutional History of England since 1760.* 1 hr.

Professor C. H. SMITH :—

38 *American History (Constitutional).* 1 hr.

An historical study of the Federal Constitution, mainly of the Articles relating to the General Government in its three departments, Legislative, Executive, and Judicial.

*39 *American History (Recent).* 2 hrs.

Political and Constitutional History of the United States from the beginning of the Civil War to the present time. In its political features this is a continuation of the National course (Professor Bourne's) in Junior year. In its constitutional features, dealing mainly with the states in their federal relations, it is a continuation of course 38.

40 *American State Constitutions.* 1 hr.

An historical study of the State Constitutions in their origin and development.

Professor ADAMS :—

*42 *Medieval History.* 2 hrs.

[See Course 52, page 85.]

43 *Medieval Institutions.* 2 hrs.

This course extends through two years, and considers the most important European institutions between the fall of Rome and the sixteenth century. The student is made

acquainted with the literature of the subjects treated and with the collections of original material. He is expected to investigate selected topics in the sources and to report to the class upon them, and especial attention is paid to the principles of criticism and to methods of research.

a. The first year's course covers early German institutions; their modification under Roman influence; the development of the papal power and its special institutions; the institutions of Charlemagne's empire; the origin and the final forms of feudalism; and the beginnings of national governments.

[Course *a* is not given in 1900–1901.]

b. In the second year's course especial attention is given to the study of the institutions of the Norman and early Angevin periods in England and to a comparison of them with contemporary French institutions.

Professors ADAMS and BOURNE:—

44 *Methods of Historical Research and Criticism.* 1 hr.

The first half of this course consists of lectures and discussions on the principles of historical criticism, for which Langlois and Seignobos' *Introduction to the Study of History* serves as an outline. A few typical problems of internal and external criticism are examined by the class and thoroughly analyzed. The second half, conducted by Professor Adams, consists of practical exercises in the study of selected historical documents, so arranged as to furnish examples of all the important points of method. The weekly exercises in this course may occupy two hours.

Professor BOURNE:—

*45 *American History (Colonial).* 2 hrs.

This course deals with the history of the American Colonies from the beginning of the discoveries until the end of the American Revolution. The nature and objects of colonies, the character and aims of the colonists, the political and social development of the colonial communities, and the causes of the Revolution are the leading topics. The work of the course is based on Hart's *American History told by Contemporaries*, vols. i and ii.

*46 *American History (National).* 2 hrs.

The Political History of the United States from the Revolution to the Civil War. The formation of the Union, the rise and

growth of parties, the development of democracy, the influence of the westward expansion and of slavery on political life, and the origin and significance of the more important economic questions are discussed. Lectures, outside reading and bibliographical practice.

47 *European Colonies in America.* 2 hrs.

A comparative study of the colonization of the New World. This course begins with a brief review of medieval commerce and of the impulses promoting the voyages of discovery. This is followed by a more detailed study of representative colonies. The Spanish, French, and English colonies are compared with each other and with their respective mother countries. Particular attention is given to the various forms of colonial administration and to the early steps toward Union. In the latter part of the course the causes of the American Revolution and the downfall of the old colonial system are examined.

[Omitted in 1900–1901.]

48 *Sources and Literature of American History.* 1 hr. 2d term.

Informal lectures, with reports and criticisms by the class.

[Omitted in 1900–1901.]

49 *Modern European and English Historiography.* 1 hr. 2d term.

History of modern historical literature and investigation from the middle of the eighteenth century. After a brief review of the general condition of historical studies in the last century, the modern development of historical study in Germany, France, and England is examined and its progress followed in the representative works of historical scholarship down to our own time.

50 *Diplomatic History of the United States.* 2 hrs. both terms.

History of the foreign relations of the United States from the beginning of the Revolution to the close of the Civil War. Special attention is given to the relations with Spanish America and to the annexations of territory. A reading knowledge of Spanish is very helpful for the prosecution of this course.

Professor ADAMS (first half-year) and Assistant Professor RICHARDSON (second half-year):—

*51 *English History.* 3 hrs.

[See Course 56, page 87.]

Assistant Professor RICHARDSON :—

52 *English History from the accession of the Tudors to the reign of William and Mary.* 2 hrs.

A research course which extends through two years and lays more stress upon the constitutional than upon the political side of the subject. Construction of bibliographies, and reports based upon independent investigation of the sources, form an important part of the work.

a. The course for the first year embraces the period between 1485 and 1603. The reigns of Henry VII., Edward VI., and Mary are treated with comparative brevity in lectures, with assigned readings from primary and secondary sources, while particular attention is paid to constitutional developments under Henry VIII. and Elizabeth.

b. The course for the second year embraces the period between 1603 and 1688. The constitutional history of the Puritan Revolution receives especial consideration. The work consists in large part of a systematic study of the documents contained in Prothero's *Statutes and Constitutional Documents*, and Gardiner's *Constitutional Documents of the Puritan Revolution*. [Course *b* is not given in 1900–1901.]

53 *Studies in the History of Brandenburg-Prussia.* 1 hr.

Considerable attention is given to economic and constitutional developments in the days of the Great Elector, Frederic William I. and Frederic the Great. Documents contained in Schilling's *Quellenbuch zur Geschichte der Neuzeit* are read and discussed. For the study of the constitution, the basis is furnished by Altmann's *Ausgewählte Urkunden zur Brandenburgisch-Preussischen Verfassungs- und Verwaltungsgeschichte*. Various phases in the life and intellectual development of Frederic the Great are studied also.

Mr. LEARNED :—

53*a* *The Renaissance* (1300–1500.) 2 hrs.

The period of two centuries is studied, largely with reference to a few important writers. Dante's *De Monarchia* serves as a convenient starting point. This is followed by the *Defensor Pacis* of Marsiglio of Padua. The culmination of Italian Humanism in the latter part of the fifteenth century can be appreciated only after attention has been given to the earlier Humanists, among whom Petrarch stands easily first. The

most careful piece of work yet done on this aspect of the period is Voigt's *Die Wiederbelebung des classischen Älterthums*. Particular pains are taken to keep in view the pre-Reformation significance of these centuries.

*54 *History of Northern Europe from the Reformation to the death of Frederic the Great.* 2 hrs.

[See Course 53, page 86.]

[This course alternates with course *55.]

*55 *History of France from the Reformation to the French Revolution.* 2 hrs.

[See Course 54, page 86.]

[This course is omitted in 1900–1901. It alternates with course *54.]

Assistant Professor F. W. WILLIAMS :—

*57 *Ancient Oriental Nations from the earliest times.* 2 hrs.

[See Course 50, page 85.]

*58 *Modern Asiatic History.* 2 hrs.

[See Course 58, page 88.]

59*a* *Medieval Asia and the Mohammedan Conquest.* 2 hrs.

An attempt to supplement the history of Medieval Europe by following the events in Western Asia during the period between Alexander's death and the capture of Constantinople, 1453. The course exhibits the gradual effacement of Hellenic influences in Asia, the continual contest between Rome and the East, and the secular antagonism between Oriental and Occidental civilization. It takes up in succession the Parthian and Sassanid Empires, follows the rise of Islam and its extension under the Saracens and Turks, and shows the influences of Asiatic culture upon modern Europe.

59*b* *European Colonies in Asia and Africa.* 2 hrs.

The history of colonization as undertaken and systemized by European nations in modern times especially in regions already populated. In connection with the causes leading to the acquisition of colonies the development of the colonial administration of each of the great powers is treated in turn. The course involves the investigation of special subjects assigned by the instructor and the critical discussion of brief theses written upon them.

Professor GEORGE P. FISHER :—

60 *General Church History.* 3 hrs.

This course comprises the following topics: The nature, divisions, and sources of Church History, with a review of the literature on the subject; the old or preparatory dispensation in its relation to Christianity; the condition of the Graeco-Roman world at the introduction of the Gospel; the establishment of Christianity, and the conflicts of the apostolic age; the spread of Christianity, including especially the conversion of the Roman Empire and of the Teutonic nations; the changes in ecclesiastical polity in the early centuries; the organization of Latin Christianity under the Papacy; the relations of the Papacy and the Church to civil society in the Middle Ages; the Protestant Reformation, with its causes and the systems of polity adopted by the different Protestant churches; Christian life, and its characteristic features in the successive eras, including the rise and subsequent history of monasticism; the history of Christian worship.

The POLITICAL SCIENCE CLUB meets fortnightly for the reading and discussion of papers, and for reports on current literature. A convenient room in White Hall (No. 11) is set apart for its use, and contains a small departmental library which is accessible to the graduate students at all hours of the day. As the books are not allowed to be taken from the room, this library is particularly helpful to graduate students when they wish to refer to some authority which is temporarily withdrawn from the University library.

The HISTORICAL SEMINARY ROOM, No. 90 High street, contains a reference library to which graduate students have access at all hours.

The HISTORICAL CLUB meets fortnightly for the reading and discussion of papers and for reports on current periodicals.

III. SEMITIC LANGUAGES AND BIBLICAL LITERATURE.

EDWARD L. CURTIS, Ph.D., D.D. FRANK K. SANDERS, Ph.D., D.D.
BENJ. W. BACON, LITT.D., D.D. CHARLES C. TORREY, Ph.D.*
FRANK C. PORTER, Ph.D., D.D. WARREN J. MOULTON, B.D., Ph.D.
WALTER M. PATTON, B.D., Ph.D. MEYER WOLODARSKY, Ph.D.

HEBREW

Professor CURTIS :—

1 *Elementary Hebrew.* 4 hrs.
The year's work includes a mastery of the elements of Hebrew and the translation of Genesis.

2 *The Book of Job.* 1 hr.
The grammatical and historical exegesis of the Hebrew text. Lectures and recitations.
[Omitted in 1900–1901.]

3 *Selections from Proverbs, and the Five Megilloth.* 1 hr.
The grammatical and historical exegesis of the Hebrew text. Lectures and recitations.

4 *Selections from the Psalter.* 2 hrs. 1st term.
The grammatical and historical exegesis of the text, with attention to New Testament interpretation and homiletical application.

5 *The Book of Isaiah.* 2 hrs. 2d term.
The grammatical and historical exegesis of the Hebrew text.

Professor Sanders :—

6 *Hebrew Syntax.* 1 hr.
A careful study of the principles of Hebrew Syntax with references to the standard discussions and with some attention to comparative syntax. During the year a critical reading of a variety of passages with especial reference to a syntactical interpretation.
[Omitted in 1900–1901.]

7 *Hebrew Poetical Literature.* 1 hr.
A survey of the entire field of Hebrew poetical literature, with emphasis upon the relation of form to interpretation, accompanied by lectures on Semitic poetry.
[Omitted in 1900–1901.]

* Professor Torrey is absent during 1900–01, as Director for the year of the American School of Oriental Studies in Palestine.

Dr. MOULTON:—

8 *Elementary Hebrew.* 2 hrs.

A study of the elements of the Hebrew language in connection with the reading of Genesis i–viii and of selected passages of easy Hebrew.

9 *Textual Criticism of the Old Testament.* 2 hrs. 2nd half-year.

The reading of First Samuel in the Greek version with special reference to the variations from the Hebrew together with lectures on the history of problems of the LXX.

Dr. PATTON:—

*10 *Advanced Hebrew.* 2 hrs.

A course which continues course 9 and carries the student as far as the close of the first year of Hebrew in a theological seminary. It includes a thorough review of the grammar, and the careful reading of the books of Samuel, and of portions of the Minor prophets. In the second term two hours of sight reading count as one of these hours.

OTHER SEMITIC LANGUAGES

Professor SANDERS:—

11 *Elementary Assyrian.* 2 hrs.

The aim of the course is to give the student a good introduction to the Assyrian language and literature. Especial attention is given to practice in reading both cuneiform and transliterated texts. The text-books used are Lyon's *Assyrian Manual* and Delitzsch's *Lesestücke*, 4th edition (1899).

12 *Historical and Mythological Texts.* 2 hrs. 1st half-year.

Rapid reading of selected texts, with supplementary study of Assyro-Babylonian history and literature.

13 *Inscriptions Important for the Study of the Old Testament.* 2 hrs. 2nd half-year.

Reading and discussion of the Babylonian accounts of the Creation and the Deluge, and of texts bearing on Old Testament history.

Dr. PATTON :—

14 *Elementary Arabic.* 2 hrs.

The elements of Arabic grammar, including exercises in writing. Rapid reading of easy prose extracts. The text books used will be Socins' *Grammar* and Brünnow's *Chrestomathy.*

15 *The Qurân.* 2 hrs. 1st half-year.

Reading of selected suras, with a supplementary study of the life of Mohammed.

16 *The Arabic Historians.* 2 hrs. 2nd half-year.

The reading of Ibn Hishâm's account of the battle of Bedr.

17 *Arabic Poetry.* 2 hrs.

The reading of selections from Nöldeke's *Delectus Veterum Carminum Arabicorum.*

[Omitted in 1900–1901.]

18 *Elementary Ethiopic.* 2 hrs. 1st half-year.

The elements of Ethiopic, using Praetorius's *Äthiopische Grammatik* and Bachmann's *Lesestücke.*

19 *Advanced Ethiopic.* 2 hrs. 2nd half-year.

Reading of the *History of the Martyrs of Nagrân* (Pereira's edition, 1899).

*20 *General Introduction to Semitic Philology.* 1 hr.

[See Course 177, page 110.]

Dr. MOULTON :—

21 *Elementary Syriac.* 2 hrs.

The principles of the language, with reading of selections in Brockelmann's *Syrische Grammatik.*

[Omitted in 1900–1901.]

22 *Advanced Syriac.* 2 hrs.

A continuation of course 21, reading historical selections.

23 *Biblical and Palestinian Aramaic.* 2 hrs. 1st half-year.

A study of Biblical Aramaic, using as a text-book Marti's *Aramaische Grammatik* and Dalman's *Aramaische Dialektproben.*

BIBLICAL LITERATURE

Professor CURTIS :—

24 *Ancient Traditions and History of the Jewish People.* 1 hr.

Studies in history and archaeology with the view of determining the meaning and historical value of the Biblical records.

25 *Analysis and Exposition of Isaiah, Jeremiah, and Ezekiel.* (English Bible.) 2 hrs. 2d term.

[Omitted in 1900–1901.]

26 *Analysis and Exposition of the Twelve Minor Prophets.* (English Bible.) 2 hrs. 2d term.

27 *Old Testament Introduction.* 1 hr.

A brief survey of the history of the canon, text, and versions, followed by special introduction to the Hexateuch and remaining Old Testament books. Lectures.

Professor PORTER :—

28 *Biblical Theology of the Old Testament.* 2 hrs. second half-year.

A history of the religion of Israel from its beginning to the time of Christ. Special attention is given to the work and teachings of the several Prophets, to the significance of the Exile, and to the nature and history of post-exilic Judaism.

29 *Biblical Theology of the New Testament.* 4 hrs. first half-year. 2 hrs. second half.

The teaching of Jesus is examined in its individuality and in its historical relations and significance. The theology of the Apostolic age is then studied, with special reference to the sources, character, and influence of the thought of Paul.

[Omitted in 1900–1901.]

30 *Biblical Doctrine of the Spirit.* 1 hr.

A *seminar* course for the study of the conception of the Spirit in the Old and New Testaments, with special attention to the nature of prophetic inspiration, the inter-relation of Hebrew and Greek conceptions, and the sources, character, and influence of the thought of Paul.

31 *Biblico-theological study of Hebrew, James and Revelation.* 1 hr.

A *seminar* course, with special reference to the relation of the thought of these books to the teachings of Christ and Paul, and to Jewish thought. The course includes some readings, for comparison, from Jewish (Palestinian and Hellenistic) books, and from early post-canonical Christian literature.

32 *Biblical Doctrine of Revelation.* 1½ hrs.

A *seminar* course for the study of the conception of Revelation in the Old and New Testaments, its forms and conditions, and the nature of its authority.

Professor BACON :—

33 *The Pauline Epistles.* 3 hrs. 1st term.

Grammatico-historical exegesis of Galatians, with comparison of the Pauline system.

34 *The Epistles of the Captivity.* 1 hr. 1st term.

A study of the higher Christology of Paul in Ephesians, with comparison of Colossians, Philemon and Philippians.

35 *The Synoptic Gospels.* 3 hrs. 2d term.

Historico-critical exegesis of the Gospel of Mark, with comparison of the synoptic tradition.

36 *New Testament Encyclopædia.* 1 hr. 2d term.

Lectures on philological and historical apparatus for New Testament exegesis, textual criticism, and history of the New Testament canon.

37 *The Book of Acts.* 2 hrs. 1st term.

Critical readings of the Book of Acts with application of the principles of historical and documentary criticism.

38 *The History of New Testament Literature.* 2 hrs. 2d term.

Lectures by way of special introduction to the several New Testament books.

39 *Sight-Reading of the New Testament.* 2 hrs.

Translation and condensed comment on books not read in the course. Open to all students in the University.

40 *Sources and Text of the Lucan Writings.* 2 hrs.

A critical investigation of the literary sources of the Gospel of Luke and Book of Acts. The *seminar* method is followed.

[Omitted in 1900–1901.]

Professor SANDERS :—

40*a* *Biblical Literature (Pre-exilic).* 2 hrs.

A constructive survey of the Old Testament as history and literature to the Babylonian exile, 586 B. C., each book being considered, as far as possible, in its appropriate chronological connection. The history of the Hebrew people is treated both as an integral part of Western Asiatic history and as a history of religious development. The course aims to promote (1) a thorough but general familiarity with the contents of the English Old Testament, (2) a realization of the significance of Hebrew history, (3) an appreciation of the Bible as a noble literature, and (4) an intelligent attitude towards many problems raised by Biblical criticism. Nearly two-thirds of the Old Testament is covered in the course of the year.

40*b* *Biblical Literature (Post-exilic).* 2 hrs.

A survey of Biblical history and literature from the period of the exile, 586 B. C., to the close of the first Christian century, including the books of the Old Testament not considered in course 40*a*, some apocryphal literature and the whole of the New Testament. This course is complete in itself, while, with course 40*a*, it covers the whole Bible, and the whole range of Asiatic history down to the Roman domination, as far as it relates to Biblical history.

Students in both courses have access to a carefully selected reference library and to much illustrative material.

41 *English Bible Seminary.* 2 hrs.

A course intended to train men for patient and accurate investigation of Biblical questions.

The course is very informal, the class meeting at regular intervals to report and compare results of individual study of themes assigned by the instructor.

42 *Israelitish Institutions.* 1 hr.

A study of the growth of the Israelitish people as a nation, from the institutional point of view, tracing the origin, history

and final form of social, political and religious usages, and determining their significance. Course 40*a*, or a fairly good general knowledge of the Old Testament, is presupposed for all who elect this course.

43 *Prophetic Literature of the Old Testament.* 1 hr.

A rapid but thorough study of the prophetic literature of the Old Testament, chronologically arranged, stress being laid upon the distinctive message of each prophet for his own age, on the contribution of each to constructive religious thought and on the gradual attainment of permanent religious ideas and ideals.

[Omitted 1900–1901.]

Dr. MOULTON :—

44 *Studies in the Gospels* (*English*). 1 hr.

A survey of the characteristics of the gospels which throw light on their origin and interpretation, followed by a study of their distinctive contents, especially the parables of Jesus.

45 *The Pauline Epistles* (*English*). 1 hr.

An outline of the life of Paul with a study of the principal epistles taken in the probable order of writing.

[Omitted in 1900–1901.]

46 *Maccabean History and Literature.* 1 hr.

A survey of the history and literature of the period from the death of Alexander the Great, 323 B. C., to the conquest of Palestine by Pompey, 63 B. C.

[Omitted in 1900–1901.]

47 *Reading of Theological German.* 1 hr.

Reading of Jülicher's *Die Gleichnissreden Jesu*, II Thl.

Dr. WOLODARSKY :—

48 *Readings in Post-Biblical Jewish Literature.* 2 hrs.

A sight-reading course in Rabbinic and Talmudic literature with discussions of the later Jewish interpretation of Hebrew law.

Students in this course must have a working knowledge of Hebrew and Aramaic.

49 *Modern Hebrew Literature.* 1 hr.

The class reads some standard historical novel by a modern writer, which affords practice in the reading of Hebrew and an insight into Jewish life and ideas.

Only a good elementary knowledge of Hebrew is necessary for this course.

For courses in Hellenistic Greek, compare the announcement of the Department of Classical Philology.

THE SEMITIC AND BIBLICAL CLUB, composed of the instructors, the students who are studying for a degree, and others who are interested in the work, holds stated semi-monthly meetings, at which papers on subjects of interest to Biblical students are presented and discussed.

IV. CLASSICAL AND INDO-IRANIAN PHILOLOGY

TRACY PECK, M.A.
BERNADOTTE PERRIN, Ph.D., LL.D.
EDWARD P. MORRIS, M.A.
THOMAS D. GOODELL, Ph.D.
HORATIO M. REYNOLDS, M.A.
JAMES W. D. INGERSOLL, Ph.D.
SHERWOOD O. DICKERMAN, B.A.
HENRY P. WRIGHT, Ph.D., LL.D.
THOMAS D. SEYMOUR, LL.D.
HENRY R. LANG, Ph.D.
E. WASHBURN HOPKINS, Ph.D.
HANNS OERTEL, Ph.D.
T. WOOLSEY HEERMANCE, Ph.D.

1 *Classical Seminary.* 2 hrs.

Professor PERRIN :— 1st half-year.

Herodotus iv–ix, and the tradition of the history of the Persian Wars through Herodotus and Thucydides to Plutarch. Studies in historical source-criticism.

Apparatus required: (1) Standard texts of Herodotus, Thucydides, Diodorus Siculus, and Plutarch; (2) Busolt, *Griechische Geschichte*, Bd. ii. Gotha, 1895; (3) Hauvette, *Hérodote*, Paris, 1894; (4) Wachsmuth, *Einleitung in das Studium der alten Geschichte*, Leipzig, 1895; (5) Bauer, *Plutarch's Themistokles*, Leipzig, 1884, and *Themistokles*, Merseburg, 1881.

All other apparatus is supplied by the University and Department libraries,—such as the fragments of the Greek historians, and the pertinent Greek inscriptions.

Students admitted to this course are expected to read French and German freely, and it is for their advantage to have read beforehand Herodotus, and Plutarch's *Aristides* and *Themistocles*.

Professor PECK :— 2d half-year.

Critical and exegetical studies in the Epistles of Horace.

GREEK.

Professor SEYMOUR :—

3 *Epic Poetry.* 3 hrs.

Introduction to the critical study of Homer. Lectures on the history of Homeric study, Epic poetry, the composition and transmission of the poems, life in the Homeric times in its various aspects; Homeric language and verse. Followed by a familiar but critical interpretation (and exercises in interpretation and criticism) of portions of the *Odyssey*, and of the later Greek epics.

4 *Pindar and Bacchylides.* 2 hrs.

The odes of Pindar and Bacchylides are studied with specially qualified students, with exercises in the critical treatment and interpretation of the text, as a Greek *seminary* course.

[Omitted in 1900–1901.]

5 *The Greek Orators.* 3 hrs.

A study of Greek Oratory, beginning with the orations of Isaeus, and including some of the private orations of Demosthenes, with reference to Athenian life and law, as well as to the development of Attic eloquence.

6 *Aeschylus.* 3 hrs.

The extant plays of Aeschylus are read. The instructor interprets the *Prometheus* and parts of other plays. The members of the class later interpret in turn.

[Omitted in 1900–1901.]

7 *Plato.* 3 hrs.

The *Republic*, and the portions of the other dialogues which are most important for its elucidation.

[Omitted in 1900–1901.]

8 *History and Encyclopaedia of Greek Studies.*
1 hr. 1st half-year.

Fifteen familiar lectures, with special attention to bibliography.
[Omitted in 1900–1901.]

*9 *Plato and Aristotle.* 2 hrs.

(*a*) The *Phaedo* of Plato, with an introduction to the literary and philosophical study of this author.

(*b*) The *Nicomachean Ethics* of Aristotle, Books i–iv and x, with a study of Aristotle's methods of research and statement.

Professor GOODELL :—

10 *Sophocles.* 3 hrs.

Reading of the seven extant plays with special attention to the artistic form, including style, treatment of myths, management of the action, use of meters, and the like. A brief introduction to Greek rhythmic and metric will be given by lectures.

Professor REYNOLDS.

11 *Aristotle's Poetics. Literary Criticism in Ancient Times.*
1 hr.

Interpretation of the *Poetics* and parts of the *Rhetoric*, with selections from Plutarch, Pseudo-Longinus, and Lucian.
[Omitted in 1900–1901.]

12 *Late Greek Poetry.* 1 hr.

This course includes a survey of Alexandrian and later Greek poetry. Reading of the mimes of Herondas, with selections from the Anthology, and from the hymns of Callimachus, and other fugitive poetry.
[Omitted in 1900–1901.]

*13 *Homer.* 2 hrs.
[See Course 132, page 104.]

*14 *Euripides.* 2 hrs.
[See Course 133, page 104.]
[Omitted in 1900–1901.]

*15 *Lucian.* 2 hrs.
[See Course 131, page 104.]
[Omitted in 1900–1901.]

*16 *Greek Composition and Sight Reading.* 2 hrs.

[See Course 134, page 105.]

Professor OERTEL :—

17 *Greek Dialect Inscriptions.* 2 hrs.

Greek Dialect Inscriptions will be read chiefly from the grammatical side, together with the fragments of the lyric poets, with special reference to the help that may be derived from the inscriptions for the constitution of their text. The text-books are Cauer's *Delectus Inscriptionum Graecarum* and Bergk's *Anthologia Lyrica.*

[See Course 20.]

Dr. HEERMANCE :—

18 *Monuments and Topography of Athens and Attica (Pausanias, Bk. i.)* 1 hr.

Lectures and reports on assigned topics.

[Omitted in 1900–1901.]

*19 *Greek and Roman Architecture.* 1½ hrs.

[Omitted in 1900–1901.]

Mr. DICKERMAN :—

20 *Greek Epigraphy.* 2 hrs.

a. The local alphabets and the more important inscriptions written in them.

b. Attic inscriptions, selected for their historical or antiquarian interest.

[See Course 17.]

21 *Modern Greek.* 1 hr.

A practical introduction to the subject, using A. Thumb's *Handbuch der neugriechischen Volkssprache* as outline, with some reference to other manuals. Particular attention will be given to the colloquial language.

[Omitted in 1900–1901.]

LATIN

Professor PECK :—

22 *Critical and Exegetical Studies in the Epistles of Horace.*

See Course 1, second half-year, page 246.

23 *The Letters of Pliny, including the correspondence with the Emperor Trajan.* 2 hrs.

*24 *Early Latin.* 1 hr.
[See Course 142, page 106.]
[Omitted in 1900-1901.]

*25 *Tacitus* (*Annales, i–vi*), *Suetonius* (*Augustus and Tiberius*), *and Velleius Paterculus.* 2 hrs.
[See Course 140, page 106.]

*26 *Roman Satire, with illustrative readings in Ennius, Lucilius, Horace, Persius, and Juvenal.* 2 hrs.
[See Course 141, page 106.]

27 *Lucretius.* 2 hrs.
[Omitted in 1900–1901.]

28 *Latin Inscriptions.* 2 hrs.
[See Course 142*a*, page 106.]

*29 *The Letters of Cicero and Pliny.* 2 hrs.
[See Course 143, page 106.]
[Omitted in 1900–1901.]

*30 *Hexameter Poetry.* 2 hrs.
[See Course 144, page 106.]
[Omitted in 1900–1901.]

*31 *Roman Archaeology.* 1 hr.
[See Course 146, page 107.]
[Omitted in 1900–1901.]

*32 *Cicero* (*Brutus*), *Quintilian* (*x and xii*), *and Tacitus* (*Dialogus*). 2 hrs.
[See Course 145, page 107.]
[Omitted in 1900–1901.]

Professors H. P. WRIGHT and INGERSOLL:—

*33 *Latin Lyric Poetry.* 2 hrs.
[See Course 147, page 107.]
[Omitted in 1900–1901.]

*34 *Epigram and Comedy.* 2 hrs.

Selected epigrams of Martial; three or four plays of Plautus.

[See Course 148, page 107.]

Professor MORRIS.

35 *Plautus.* 2 hrs.

Lectures introductory to the study of Plautus, dealing with his life, the presentation of the plays, the history of the text, the history of Plautine criticism, the language, and the meters, to be followed by a critical study of a single play,—probably the *Bacchides*.

[Omitted in 1900–1901.]

36 *Historical Syntax.* 2 hrs.

Lectures on the history of work in Latin Syntax during this century and on the principles and methods of the historical investigation of the modes and tenses; discussion of text-books and of a few typical specimens of work in this field; a partial outline of the syntax of the modes and tenses from the historical point of view.

The lectures are followed by a study of *parataxis*, the material for which is collected by the students who take the course.

*37 *Vergil.* 2 hrs.

An introduction to Vergil, intended to give students who may expect to teach Latin an acquaintance with the best editions and commentaries and with works on special topics, the life of Vergil, the Aeneas legend, Vergil's relation to Greek poets and to earlier Roman poetry, mythology, Vergil in the Middle Ages. Parts of the text are carefully interpreted and other parts are translated and compared with English versions, and there is practice in metrical reading.

[Omitted in 1900–1901.]

*38 *Cicero.* 2 hrs.

An introduction to the orations of Cicero, dealing chiefly with the structure of the speeches and their historical interpretation, and similar in purpose to course 37.

Professor LANG.

39 *Low Latin.* 1 hr.

The aim of this course is to give an historical account of the popular speech of Rome and of the Roman provinces, and also

an outline of its grammar and syntax, as it is disclosed to us by classical Latin, the testimony of the Latin grammarians, inscriptions, mediæval documents, and the consensus of the Romance languages.

The course is taken up with lectures on the history and the grammar of Low Latin and the reading of a Low Latin text. For the present the following is used: J. F. Gamurrini, *S. Silviae Aquitanae Peregrinatio ad Loca Sancta*. Editio altera. Romae, 1888.

[Omitted in 1900–1901.]

Professor OERTEL.

40 *Latin Grammar.* 2 hrs.

A resumé of the chief results of comparative grammar as far as they affect Latin sounds and inflections. Constant reference is made to the Italic dialects. Lindsay's *Latin Language* (1894) should be in the hands of the student and considerable reading in V. Henry's *Short Comparative Grammar of Greek and Latin*, Bechtel's *Hauptprobleme der indogermanischen Lautlehre*, Hirt, *Der indogermanische Akzent*, and Brugmann's *Grundriss der vergleichenden Grammatik*, etc., vols. I (2d ed., 1897) and II, is necessary. A knowledge of Sanskrit is very desirable for this course.

41 *Practice in Writing Latin Prose.* 2 hrs.

This course is intended for advanced students in Latin. Students should provide themselves with H. Menge's *Repetitorium der lateinischen Syntax und Stilistik*, 7th ed., 1900, and his *Kurzgefasste lateinische Synonymik*, 4th ed.

42 *The Italic Dialects.* 2 hrs.

After a brief survey of the peoples and languages of ancient Italy, the more important Oscan and Umbrian inscriptions are read and interpreted. This is followed by a brief systematic exposition of Oscan and Umbrian Phonology and Morphology in comparison with Latin. Students should provide themselves with v. Planta's *Grammatik der oskisch-umbrischen Dialekte*, 2 vols.

Assistant Professor INGERSOLL:—

43 *Latin Comedy.* 2 hrs.

About a dozen plays of Plautus, two or three of Terence, and the principal fragments from other writers of Latin Comedy.

A reading course, intended to supplement the critical work on Plautus in other courses.

44 *Latin Tragedy.* 1 hr.

The extant plays and fragments. History of Latin Tragedy.
[Omitted in 1900–1901.]

*45 *Latin Literature.* 2 hrs.

[See Course 156, page 109.]

48 *Roman Law.* 2 hrs.

This course is intended to benefit those who desire an insight into Roman law as part of a liberal education as well as those who contemplate the study of law as a profession.
[Omitted in 1900–1901.]

INDO-IRANIAN PHILOLOGY AND LINGUISTICS

Professor HOPKINS:—

50 *Elementary Sanskrit.* 2 hrs.

Instruction in Sanskrit, beginning with Whitney's *Sanskrit Grammar*, and passing on to Lanman's *Reader*.

The elementary course in Sanskrit is designed especially for classical students, but it may be taken with profit by students of German or English, especially by those who intend to become teachers, and it is indispensable for those who pursue studies in the Comparative Grammar of Greek and Latin. The course is continued through the year, the first term being devoted mainly to the grammar, the second to interpretation. By the end of the year the student will have read portions of the classical and Vedic selections in Lanman's reader, and be fitted to pursue the work of the advanced course in the following year. On the other hand, he will have attained such familiar acquaintance with Sanskrit grammatical forms and syntactical structure, as greatly to aid his comprehension of parallel phenomena in other Aryan languages.

51 *Advanced Sanskrit.* 2 hrs.

Selections from the Rig-Veda and Brahmanic texts.

This course is intended for those that have had already at least one year's instruction in Sanskrit. It is addressed particularly

to students of literature, social institutions, and religion. The first half of the year is occupied with reading selections from the Vedic Hymns, which are not only a priceless heirloom of early religious thought, but also a mine of information in regard to early institutions. The special topic of the second term's reading is the philosophical portions of the first Brahmanic works and Upanishads, the earliest Aryan prose.

52 *History of Sanskrit Literature.* 2 hrs.

This course consists in a review of Vedic and classical Sanskrit literature from the earliest times to the Puranic period, with extracts to illustrate the various phases of literary development. As it is expected that those who take this course will ordinarily have some knowledge of Sanskrit, the translation is made with reference to these students especially, and they are provided as far as possible with the original texts, as read from day to day. In this way this course forms also a reading-exercise parallel to that in Advanced Sanskrit.

53 *Introduction to Comparative Syntax.* 1 hr.

This course consists in an analysis of the syntactical facts presented by the Aryan languages, particularly Sanskrit, Greek, Latin, and early German. It is intended especially for students of these languages who desire a more thorough acquaintance with the problems of comparative syntax. To solve these problems a knowledge, if not of the Sanskrit language, at least of Sanskrit syntactical phenomena is necessary, and the lectures are accordingly planned with a view to explain these phenomena to those who have not studied Sanskrit as well as to those who have done so.

54 *Avestan Language and Literature.* 1 hr.

Intended for those who desire to begin the study of Zoroaster's scriptures, the so-called Zend-Avesta. Avestan, or Zend, is easy for advanced Sanskrit students, and besides offering much of interest in respect of literature and religion, is also valuable to students of linguistics and syntax.

[Omitted in 1900–1901.]

Professor OERTEL :—

55 *Phonetics.*

An introduction to general Phonetics based on a study of the English, French, and German sound-systems. The course is intended to furnish a basis for the study of the phonology

of the various languages. Sweet's *Primer of Phonetics* (1890), Vietor's *Elemente der Phonetik* (3d ed., 1898) and Sievers's *Grundzüge der Phonetik* (4th ed., 1893) should be in the hands of the student. Storm's *Englische Philologie* (2d ed., 1896), Bremer's *Deutsche Phonetik* (1893), Laura Soames's *Introduction to Phonetics* (1891), Passy's *Lés Sons du Français* (4th ed., 1897) and Rousselot's *Les Modifications phonétiques* (1891) are constantly referred to for collateral reading.

The Psychological Laboratory offers to advanced students every facility and all necessary apparatus for experimental investigation of phonetic problems. See Course I, 18.

56 *Linguistics.* 2 hrs.

An introduction to the scientific study of the life and growth of language, intended for students of the classics as well as for those of the modern languages. The course deals with the general principles and chief problems of linguistic science, such as the various methods of philological investigation, the manner and the causes of phonetic, semantic, and syntactical changes, the relation of language to thought, the theories regarding the "origin of language," the ethnological bearing of language, etc. Much stress is laid on the psychological aspect of linguistic phenomena and constant reference is made to the results of experimental psychology. The course consists of lectures, beside which parts of Paul's *Prinzipien der Sprachgeschichte* (3d ed., 1899) are critically examined. (An English translation of the second edition of this book was published [1889] by the Macmillan Co., but is now out of print.) All other books needed for collateral reading are found in the University and Departmental Libraries. Attention is called to Course I, 17, on the Psychology of Expression.

57 *Twelve Lectures on Indo-European Phonology.*

These lectures (three times a week during the first four weeks of the first term) are intended to present in rough outlines the most important facts of Indo-European phonology, viz: the vowel-system, strengthening and weakening, ablaut, the gutturals, and accent. The lectures are for those who are taking up courses in the historical grammar of either the classical or modern languages.

For a course in Homeric social life, from the sociologist's standpoint, see II, course 27.

For courses in Greek Philosophy, see I, courses 24–27.

Graduate students of this University, with the approval of the classical instructors, are admitted to the free enjoyment of the privileges of the American School of Classical Studies at Athens.

THE CLASSICAL CLUB

Phelps Hall is assigned to the use of the Classical Department of the University. In addition to twelve ordinary class-rooms, three seminary rooms, and offices for instructors, it contains a large apartment for the library and reading-room of the Classical Club. This room is the headquarters of advanced students in classical philology, and furnishes to them the advantages of a good private library. It already contains more than twenty-five hundred volumes of texts, commentaries, works on antiquities, etc., as a departmental library. The books most needed for the immediate work in the classical courses for the present year are to be found there. The Club meets every Saturday and spends that evening in reading and discussing the work of some classic author, with reports and papers in the field of Greek and Latin Philology. During the year 1900–1901 the letters of Pliny and the plays of Euripides are studied.

V. MODERN LANGUAGES AND LITERATURES

THOMAS R. LOUNSBURY, L.H.D., LL.D.
ALBERT S. COOK, Ph.D., L.H.D.
ARTHUR H. PALMER, M.A.
CHARLTON M. LEWIS, Ph.D.
WILLIAM HENRY BISHOP, B.A.
WILBUR L. CROSS, Ph.D.
MEYER WOLODARSKY, Ph.D.
GUSTAV A. ANDREEN, Ph.D.
HENRY A. BEERS, M.A.
HENRY R. LANG, Ph.D.
GUSTAV GRUENER, Ph.D.
ROBERT N. CORWIN, Ph.D.
ROBERT L. SANDERSON.
WILLIAM L. PHELPS, Ph.D.
RICHARD HOLBROOK, B.A.
RUDOLPH SCHWILL, Ph.D.

ROMANCE LANGUAGES

Professor LANG :—

1 *Old French.* 2 hrs.

Introduction to the study of Old French language and literature in general, followed by a more especial study of Anglo-Norman.

2 *Old French.* (Second year.) 1 hr.

This will be a seminary course, consisting in the investigation of special subjects assigned to the students.

Mr. SANDERSON :—

3 *French Literature of the xvith Century.* 2 hrs.

*4 *French Literature of the xviith Century.* 2 hrs.

[See Course 73, page 90.]

5 *French Literature of the xviiith Century.* 2 hrs.

[See Course 77, page 91.]

First, a study of the writers who continue or modify the dramatic traditions inherited from the 17th century, Regnard, Marivaux, Voltaire, Diderot, etc.; but the main part of the course is devoted to a study of the evolution of French thought as manifested in the works and the influence of Montesquieu, Voltaire, Diderot, J. J. Rousseau.

This course will be conducted in French, and is open to graduate students and such Seniors as have satisfactorily passed course 72 or 75, on pages 90 and 91.

[Omitted in 1900–1901.]

*6 *French Literature of the xixth Century.* 3 hrs.

[See Course 75, page 91.]
[Omitted in 1900–1901.]

*7 *Practice in writing and speaking French.* 2 hrs.

[See Course 72, page 90.]

*8 *General View of French Literature.* 2 hrs.

[See Course 78, page 91.]

*9 *General View of French Literature.* 3 hrs.

[See Course 79, page 92.]

Students able to understand spoken French should take this course, especially if they intend to carry on further their studies of French literature.

Professor LANG :—

10 *Provençal Language and Literature.* 2 hrs.

This course begins with lectures on the historical grammar of old Provençal, after which the origin and growth of Provençal lyric poetry, its style and metre, are studied in connection with the reading of selections from the works of the Troubadours. Students come provided with Appel's *Provenzalische Chrestomathie* (Leipzig, 1895), and Restori's *Histoire de la littérature provençale* (Montpellier, 1894).

11 *Provençal* (second year). 1 hr.

This will be a seminary course, conducted together with the second year's course in Old French.

12 *Beginnings of Spanish Literature.* 1 hr.

This course comprises a study of the early literature of Castile previous to the 15th century, and its relations with the literatures of France and Italy. Gorra's *Lingua e letteratura spagnuola delle origini* is used as introduction to the work.

*13 *Dante's Life and Works.* 1 hr.

[See Course 84, page 93.]

14 *Italian Literature of the xiiith and xivth Centuries.* 1 hr.

Selections from the Early Italian Lyric School, from Petrarca and Boccaccio. Monaci's *Crestomazia italiana dei primi secoli*,

(Città di Castello 1889 and 1897), Fornaciari's *Novelle scelte dal Decamerone di G. Boccaccio* (Firenze, 1889), and Rigutini's *Le Rime di Francesco Petrarca* (Milano, 1896), are used.

[Omitted in 1900–1901.]

*15 *Spanish* (*Elementary Course*). 3 hrs.

[See Course 80, page 92.]

*16 *Spanish Drama of the xvith and xviith Centuries.* 2 hrs.

[See Course 81, page 92.]

*17 *Spanish Fiction of the xvith and xviith Centuries.* 2 hrs.

[See Course 82, page 93.]

[Omitted in 1900–1901.]

Mr. BISHOP :—

*17*a* *Spanish.* 2 hrs.

The aim of the instruction in the Spanish department is to impart a correct pronunciation ; facility in reading, through the choice of texts of varied range ; to give considerable practice in composition, including letter-writing ; and to make such beginning in conversation as may be a useful basis when further need and opportunity arise.

Grammar is reduced to the broad essentials, that the greater amount of time may be secured for the other work. In this view some such brief grammar as that of Manning is used, with reference to the fuller work of Ramsay. The reading-matter comprises animated plays, Spanish and Mexican newspapers, the magazine *España Moderna*, such fiction as Pérez Galdós *Episódios Nacionales*, Gorge Isaac's "Maria," the stories and sketches of Alarcón, Trueba, Rueda, etc. The philological cast of the language, as compared with the remainder of the group descended from the Latin, is explained. A conspectus is given of the representative periods of the earlier literature, based upon Ticknor ; with a fuller account, accompanied by readings from their works, of Pereda, Valdés, Galdós, and Valera.

Mr. HOLBROOK :—

*18 *Italian* (*Elementary Course*). 3 hrs.

[See Course 83, page 93.]

GERMANIC LANGUAGES

Professor PALMER :—

19 *Introduction to Germanic Philology.* 2 hrs.

A course introductory to the general study of Germanic philology, dealing with its history, methods, fields, and fundamental facts. The basis of the work is Paul's *Grundriss der Germanischen Philologie*, of which portions are read, discussed, and supplemented by informal lectures.

20 *Gothic.* 2 hrs.

An introductory course, especially for those who intend to study German or English historically, in the study of Gothic and its phonological relations to both earlier Indo-Germanic and to later Germanic languages. Braune's *Gotische Grammatik*, or Streitberg's *Gotisches Elementarbuch*, Heyne's *Ulfilas*, Streitberg's *Urgermanische Grammatik*, and Henry's *Comparative Grammar of English and German.*

21 *Old High German.* 3 hrs.

A rather detailed course in the oldest High German dialects and literature. Braune's *Althochdeutsche Grammatik* and *Althochdeutsches Lesebuch*, and the collateral literature for reference.

[Omitted in 1900–1901.]

22 *Old Saxon (Low German).* 2 hrs.

A rather detailed course in grammar and study of the *Hêliand* and the lesser monuments. Holthausen's *Altsächsisches Elementarbuch* and Behaghel's *Hêliand* and Wadstein's *Kleinere Altsächsische Sprachdenkmäler*, with all the important literature of the subject available for reference.

*23 *Goethe, Works and Life.* 3 hrs.

[See Course 91, page 95.]

*24 *History of German Literature, 1624–1832.* 2 hrs.

[See Course 93, page 95.]

[Omitted in 1900–1901.]

Professor GRUENER :—

25 *Middle High German.* 3 hrs.

Hartmann: *Der arme Heinrich* and *Iwein*. *Nibelungenlied.* Selected poems of Walther von der Vogelweide. Selections

from Wolfram von Eschenbach's *Parsival.* Lectures and papers.

26 *German Literature of the Reformation Period (1500–1624).* 3 hrs.

The development of German literature is studied from the beginning of the Reformation to the time of Opitz. Characteristic works of the important writers of the period are read chiefly for literary purposes, though also with reference to the political, social, and religious conditions of the times.

[Omitted in 1900–1901.]

*27 *Schiller, Works and Life.* 2 hrs.

[See Course 87, page 94.]

Professor CORWIN :—

28 *German Literary Criticism.* 1 hr.

A course of study in the development of the theories of poetry and the principles of literary criticism in Germany. The course consists of lectures, discussions, and readings based on the critical writings of Lessing, Herder, Schiller, Goethe, Schlegel, and Freytag.

Dr. ANDREEN :—

29 *Old Norse (Icelandic).* 3 hrs.

Grammar, and reading in the Sagas and the Eldèr Edda.

30 *Germanic Mythology.* 2 hrs.

A course of studies in the mythology of the Germanic race, based on the earliest Scandinavian, German and English literatures and on collateral sources.

[Omitted in 1900–1901.]

31 *History of Swedish Literature to 1718.* 2 hrs.

The development of Swedish literature is traced in connection with Schück's *Svensk Litteraturhistoria*, and selections from the works of the leading authors studied. This course is intended only for those who already have a good reading knowledge of Swedish.

[Omitted in 1900–1901.]

32 *History of Modern Norwegian Literature.* 2 hrs.

This course is based on Jaeger's *Den Norske Literaturs Historie.* Leading works of Björnson and Ibsen are the subject of special study. This course is open only to those who already have a good reading knowledge of Norwegian.

[Omitted in 1900–1901.]

33 *Norwegian and Danish.* 2 hrs.

The object of this course is to lay the foundation for a reading and practical knowledge of the language. Together with the study of the grammar, selections from the writings of modern authors are read.

34 *Swedish.* 2 hrs.

The object of this course is to lay the foundation for a reading and practical knowledge of the language. Together with the study of the grammar, selections from the writings of modern authors are read.

[Omitted in 1900–1901.]

RUSSIAN

Dr. WOLODARSKY :—

35 *Elementary Russian.*

The first term is given to the study of the elements of the language in connection with the reading of short stories by modern writers.

The second term is given to the study of syntax in connection with the reading of one of Turgénev's works.

36 *Advanced Russian.*

A general course in Russian Literature in connection with the reading of a historical chrestomathy and with sight-reading in "On the Eve," by Turgenev and in "Master and Man" by Tolstoi.

ENGLISH

Professor LOUNSBURY :—

37 *The Early Victorian Era : Tennyson and his Contemporaries.* 2 hrs.

Professor BEERS :—

*38 *Aspects of the Drama.* 2 hrs.

[See Course 111, page 99.]

*39 *English Romanticism in the Nineteenth Century.* 2 hrs.

[See Course 122, page 102.]

Professor COOK :—

The strictly graduate courses offered below are given according to circumstances and the needs of the graduate students actually in attendance; and special attention is given to the supervision of individual research in any part of the general field.

40 *Encyclopædia and Methodology of English.* 2 hrs.

This course is designed to acquaint the student with the more important branches of scholarship relative to the English language and literature, with a few of the representative books in each, and with the scope and method of research in this department.

41 *Theories of Poetry.* 2 hrs.

A course in the theories of poetry in general, and in the principles of criticism applicable to its various departments, as the epic, dramatic, and lyric. Discussions and papers on the basis of standard works, such as Aristotle's *Poetics*, Sidney's *Defense of Poesy*, Woodbridge's *The Drama*, Boileau's *Art of Poetry*, Lessing's *Laokoon*, and others of similar character. Reading of masterpieces to illustrate and extend the principles derived from theoretic works.

42 *Dante in English.* 2 hrs.

A course primarily in the *Divina Commedia* and the *Vita Nuova*. Two or three of the best English translations are employed, together with such reference books as may be necessary.

43 *Advanced Old and Middle English.* 2 hrs.

A survey of the subject for those who are not yet prepared for minuter specialization.

The Course in Old English begins this year with the study of Cook's Edition of Cynewulf's *Christ*.

44 *Seminary in English Literature.* 3 hrs.

A critical study of some representative writer or department of literature. In 1894–95, Ben Jonson was the author selected; in 1895–96, Browning; in 1896–97, Chaucer; in 1897–98, the Jacobean Drama; in 1898–99, Spenser; in 1899–1900, Chaucer; in 1900–1901, Chaucer.

45 *Historical English Prosody.*

Schipper's *Englische Metrik* is adopted as the basis of study but reference is made to other authorities.

*46 *Old and Middle English.* 2 hrs.

[See Course 114, page 100.]

Assistant Professor CROSS :—

47 *English Prose Fiction.* 2 hrs.

The aim of this course is to present in outline the development of the English novel. Twenty-five or more prose fictions are taken up in their logical order, and discussed in their relation to one another and the fiction of their time, both English and Continental. Among the books selected for 1900–1901 are the Morte Darthur, the Arcadia, Clarissa Harlowe, Tom Jones, Mansfield Park, Waverley, Martin Chuzzlewit, Vanity Fair, and Adam Bede.

Professor LEWIS :—

*48 *Verse Composition.* 1 hr.

[See Course 109, page 98.]

Assistant Professor PHELPS :—

*49 *Elizabethan Drama.* 2 hrs.

[See Course 117, page 100.]
[Omitted in 1900–1901.]

50 *Elizabethan Literature.* 2 hrs.

Studies in the poetry and prose of the Elizabethan period, exclusive of the drama. Wyatt, Surrey, Ascham, Foxe, Painter, Lyly, Ralegh, Greene, Nash, Lodge, Marlowe, Hooker, Sidney, Spenser, Shakespeare, Davies, Drayton, Chapman, and others. Lectures, discussions, and preparation of special papers by members of the class.

[Omitted 1900–1901.]

*51 *Tennyson and Browning.* 2 hrs.
[See Course 124, page 102.]

52 *English Literature of the Seventeenth Century.* 2 hrs.
A rather minute study of English poetry and prose from Donne to Dryden. The poetry of Donne, Drummond, Herbert, Crashaw, Vaughn, Quarles, Carew, Suckling, Herrick, Cowley, Milton, Waller, Marvell, Butler, and Dryden are read; also the prose of Burton, Browne, Taylor, Pepys, Fuller, Walton, Clarendon, Milton, Bunyan, and Dryden. The social life of the times is discussed.

Dr. SCHWILL :—

53 *Comparative Literature.* 2 hrs.
The Drama; a study in principles of dramaturgy. The rise and development of the drama as a literary and histrionic art among the various nations. Various dramas, both ancient and modern, are analyzed and compared. Special stress is laid on the Renaissance. A reading knowledge of French and German is required.

The MODERN LANGUAGE CLUB, formed of instructors and students in the departments of English, Romance Languages, and German, holds its regular meetings on the second Saturday evening of each month for the reading and discussion of original papers, and for reports of progress in the field of these studies.

The ENGLISH CLUB, to which are invited all persons, whether members of the University or not, who are interested in the study or teaching of the English language or literature, meets on alternate Monday evenings to listen to the presentation of some topic, and engage in the informal discussion of it. The club never remains in session over an hour, and thus opportunity is afforded for keeping other engagements the same evening.

The ENGLISH SEMINARY ROOM, at 135 Elm st., which has lately been enlarged for the better accommodation of graduate students in English, contains the nucleus of a working library. This room is general headquarters for the graduate students in English, and serves for the meetings of the English Club, and for similar purposes.

VI. NATURAL AND PHYSICAL SCIENCE

WILLIAM H. BREWER, Ph.D.
SIDNEY I. SMITH, M.A.
HENRY S. WILLIAMS, Ph.D.
CHARLES S. HASTINGS, Ph.D.
RUSSELL H. CHITTENDEN, Ph.D.
HORACE L. WELLS, M.A.
ALEXANDER W. EVANS, M.D., Ph.D.
PHILIP E. BROWNING, Ph.D.
LAFAYETTE B. MENDEL, Ph.D.
JAMES W. TOUMEY, M.S.
WESLEY R. COE, Ph.D.
JAMES LOCKE, Ph.D.
HARRY W. FOOTE, Ph.D.
ARTHUR W. WRIGHT, Ph.D.
ADDISON E. VERRILL, M.A.
WILLIAM G. MIXTER, M.A.
EDWARD S. DANA, Ph.D.
FRANK A. GOOCH, Ph.D.
LOUIS V. PIRSSON, Ph.B.
SAMUEL L. PENFIELD, M.A.
CHARLES E. BEECHER, Ph.D.
WILLIAM J. COMSTOCK, Ph.B.
HENRY L. WHEELER, Ph.D.
HENRY S. GRAVES, M.A.
ISAAC K. PHELPS, Ph.D.
HERBERT E. GREGORY, Ph.D.

MINERALOGY

Professor DANA :—

1 *Mineralogy and Crystallography.* 2 hrs.

Practical study of mineral species by means of blowpipe analysis and other methods; also mathematical study of the forms of crystals. Additional opportunity is given to those who desire it to gain facility in the determination of minerals.

This course can be most advantageously prosecuted by those who have some knowledge of chemistry.

Professor PENFIELD :—

2 *Determinative Mineralogy.* 3 hrs.

This course consists at first of a few exercises in blowpipe analysis, which are then followed by an application of these methods to the determination of minerals. Students have abundant opportunity to experiment with minerals, and thus become familiar with their chemical and physical properties. A labeled collection of carefully selected specimens for comparison, and unlabeled collections for identification, are at all times accessible. The laboratory is open daily from 9–1 and (Saturdays excepted) from 2.30–5, so that by devoting more than the allotted time to the subject the course may be considerably extended.

3 *Crystallography* 2 hrs. 1st half of 2d term.

Lectures in which the symmetry relations of the various systems, and the forms of crystals and their physical properties are

discussed. Throughout this course collections of natural crystals and wooden and glass models are used for demonstrating varieties of form and development.

4*a* *Descriptive Mineralogy.* 3 hrs. 2d half of 2d term.

Lectures on the general subject of mineralogy, in which the classification, physical and chemical properties, occurrences, associations, and uses of minerals are discussed. The course is illustrated by the valuable and extensive Brush Collection.

4*b* *Descriptive Mineralogy (Advanced Course.)* 1 hr. 1st and 2d terms.

This course is open to those who have had courses 3 and 4*a*. Specimens in the Brush Collection are examined, and special prominence is given to the discussion of the economic and geological relations of minerals.

5 *Experimental Work in Crystallography and Mineralogy.* Daily.

The reflecting goniometer is used, the mathematical relations of crystal forms are carefully determined and calculated, and the forms are drawn. The optical properties of crystals are studied and determined by means of the polariscope, polarizing microscope, refractometer, total reflectometer, and other appliances.

6 *Original Investigation in Mineralogy and Crystallography.*

Opportunities are offered to those who are far enough advanced, for research work in mineralogy and crystallography. This includes the study of the chemical composition and deduction of the formulae of minerals, together with the determination of their physical, optical, and crystallographic properties.

Material for investigation is available from the University and Brush Collections.

GEOLOGY

Professor WILLIAMS:—

*7 *Geology.* 2 hrs.

[Omitted 1900–1901.]

8 *Geological Biology.*

The study of fossils in the laboratory, and with field-work, so far as practicable, (1) as means of determining and classifying

geological formations, (2) as evidence of the relations of organisms to their environment, and of their evolution in the past.

For this course some knowledge of zoology is desirable; and for those who wish to take the course, and are not sufficiently well prepared in this direction, preliminary work in the zoology of living forms is planned.

Instruction is given also by informal lectures and the assignment of courses of reading of geological literature bearing upon the problems under investigation.

The number of hours and the specific line of study is arranged by the instructor upon consultation in each case.

[Omitted 1900–1901.]

Professor PIRSSON :—

9 *Petrology.* Daily, 9 A. M. to 1 P. M.

(*a*) Study and determination of the rock-making minerals by optical and chemical methods. Includes the use of the petrological microscope.

(*b*) History, origin, and classification of rocks, commencing with igneous types and passing into the crystalline schists, during which metasomatic and dynamic changes, including effects of dynamo-metamorphism, are taken up. The work is carried on mostly in the laboratory, with access to collections both of rocks and thin sections.

(*c*) Original investigation. In sequence to (*a*) and (*b*) some special object or locality may be made the subject of investigation. The work requires laboratory methods of determination, both chemical and microscopical, with consultation of the literature and occasionally work in the field. A large amount of material is available in the petrologic collections of the Sheffield Scientific School.

Only those whose previous training in mineralogy and geology has been sufficient to enable them to pursue the subject advantageously are admitted to this course.

10 *Elementary Petrology.* 1 hr. 1st half 2d term.

A series of lectures of an elementary nature, and without the use of the microscope, on the history, origin, and classification of rocks with especial reference to their geologic relations and economic properties. Illustrated by collections.

*11 *Elementary Structural and Dynamical Geology.* 3 hrs. 1st half-year.

[See Geology, page 182.]

Dr. GREGORY :—

*12 *Physical Geography.* 3 hrs. 1st half-year.
[See Course 226, page 117.]

For a course in Physical Geography in its relation to history, see II, course 33.

PALEONTOLOGY

Professor BEECHER :—

13 *General Invertebrate Paleontology.* 2 hrs. 1st term.
An elementary course, including the careful study in the laboratory of characteristic genera representing the principal orders of fossil invertebrates.

14 *Invertebrate Paleontology (Faunal).*
The study of extinct faunas by means of collections of fossils from typical localities.

15 *Invertebrate Paleontology (Special).*
Systematic study of the structure, development, and affinities of one or more classes of fossil animals. In the laboratory work, attention is given to modern methods of preparation and preservation of specimens.

16 *Original Investigation in Invertebrate Paleontology.*
Following 15, 16, 17, opportunity is given to take up some special subject for investigation and the discovery of facts new to science.
The requisite material is available in the extensive collections of the Peabody Museum.
The work in these courses (15–18) necessitates the frequent consultation of memoirs and scientific reports, occasional field-work, the use of the microscope, the preparation of thin sections, and other methods employed in thorough investigations.

17 *Organic Evolution.* 1st half-year.
Practical illustration of the methods used in modern researches.

18 *Taxology.* 1st half 2d term.
The principles governing the classification of organisms.

Courses 15–20 are open to those who have had some previous knowledge of geology and zoology. Course 15 : laboratory work 4 hours per

week. Courses 16, 17 : laboratory work three days per week, 2–5 P. M. Courses 19 and 20 will require about two hours lecture and two hours in the laboratory each week. Other hours and divisions of work may be arranged to suit the convenience of students.

*19 *Historical Geology.* 3 hrs. 2d half-term.

The sequence and distribution of the sedimentary formations are studied, together with the introduction and succession of the various types of life during past geological ages. Suitable collections of fossils are used to illustrate the subject. This course should follow VI, *12.

The GEOLOGICAL CLUB is an association of the instructors and graduate students in this department of study for the purpose of encouraging the students to prepare papers, and aid in the discussion of current topics of interest in geological subjects. The meetings are held every two weeks.

PHYSICS

Professor A. W. WRIGHT :—

20 *Physics.* 4 hrs. to count as 2 hrs.

Chiefly practical work in the Sloane Physical Laboratory, with measurements, especially in heat, light, electricity, and magnetism, each exercise occupying two hours. As introductory to the laboratory practice, the exercises during a portion of the first term consist of recitations or discussions upon the theory and methods of physical measurements, the use of instruments, and other special topics. Laboratory facilities are also freely accorded to students of the course at other times than those of the stated exercises.

21 *Physics (Advanced Course).* 4 hrs. to count as 2 hrs.

Practical work in the Sloane Physical Laboratory, with instruction in the principles and methods of physical investigation, the processes and instruments of measurement, and the methods of computing and reducing results of observations. Special attention is paid to practical measurements in optics, electricity, and magnetism. The student is expected to make original investigations an important part of his work, and has the free use of the laboratory facilities for carrying them on.

For those who have already pursued course 20 or its equivalent.

Professor HASTINGS :—

22 *Physics.* 3 hrs. lectures, 6 hrs. laboratory work.

Laboratory work, supplemented by lectures on the theory of observation with the method of least squares, and on the theory of electricity and electrical instruments. The use of the laboratory is at the command of the student at all times.

For courses in Mathematical Physics, see VII.

The PHYSICS JOURNAL CLUB, open to graduate students in Physics, meets weekly for the review and discussion of the current literature in this department of study.

The PHYSICAL CLUB, organized for study, criticism and discussion, holds fortnightly meetings. Open to graduate and advanced students in Physics.

CHEMISTRY

(COURSES IN THE SHEFFIELD CHEMICAL LABORATORY)

The analytical laboratories of the Sheffield Scientific School are open to students in term time from 9 to 1 and from 2 to 5 o'clock, every week-day except Saturday. The greater part of the instruction is given in the laboratory to each student separately, but the various classes have, in addition, two or more lectures or recitations a week, in connection with the studies pursued in the laboratory.

Professor MIXTER :—

23 *Chemical Physics.*

Especially the methods employed in the determination of molecular masses and specific heat.

Professor WELLS :—

24 *Qualitative Analysis.* 1st term.

Embraces a study of the commonly occurring elements in their qualitative relations, and includes a systematic course of analysis for the same. A good knowledge of elementary chemistry is a necessary preparation for this. If desired the course is extended to include a study of many of the rare elements.

25 *Quantitative Analysis.*

This is open only to those who have taken course 24 or its equivalent.

(*a*) *Gravimetric Analysis.* Second term. Embraces a series of exercises involving a considerable number of important methods.

(*b*) *Volumetric Analysis.* First term. This follows the gravimetric analysis. It includes the most important and typical methods.

(*c*) *Ultimate Organic Analysis.* First term.

26 *Inorganic Preparations.* 1st half of 2d term.

A course of laboratory work, with lectures or recitations. About twenty or thirty compounds are prepared, which give a variety of important and instructive processes.

27 *Advanced Quantitative Analysis.*

(*a*) *Metallurgical Chemistry.* The analysis of ores, fuels, fluxes, alloys, metals, and other furnace products.

(*b*) *Mineralogical Chemistry.* The analysis of minerals for scientific purposes.

28 *Metallurgy and Assaying.* 2d half of 2d term.

A course of lectures on elementary metallurgy, followed by a short course of demonstrative lectures on gold and silver assaying, with the practical application of assaying to a few typical ores.

29 *Technical Gas-Analysis.* 2d half of 2d term.

A short practical course, including the principal methods.

30 *Investigations in Inorganic Chemistry.*

Opportunities are offered, to those who have had sufficient preparation, to make researches upon analytical methods, the preparation of chemical compounds, and other scientific problems.

Mr. COMSTOCK :—

31*a* *Elementary Organic Chemistry.* Both terms.

During the first four weeks of the second term the afternoon exercises are omitted and daily laboratory work substituted, 9 A. M. to 1 P. M., with occasional lectures at 12 M.

31*b* *Organic Chemistry.* 2 hrs. 1st term.

A continuation of the above course. Recitations and lectures.
[Thursday and Friday, 5 P. M.]

Dr. LOCKE :—

32*a* *The Systematization of Inorganic Compounds.* 1st term.

*32*b* *Advanced Inorganic Chemistry.* 3 hrs. 1st term.
[See Chemistry, page 280.]

33 *The Application of the Ionic Theory to Analytical Chemistry.* 2 hrs. 1st half 2d term.

Ostwald's *Foundations of Analytical Chemistry* will be followed.

34 *The Constitution of Chemical Compounds.* 2 hrs. 2d half 2d term.

Methods of determination illustrated on typical compounds; stereochemistry; double compounds, etc.

Assistant Professor H. L. WHEELER :—

35 *Advanced Organic Chemistry.*

This offers an opportunity for more extended study and original investigation to those who have proper preparation.

36 *Organic Preparations.* 2d half of 2d term.

Laboratory-work, consisting of five exercises per week of about three hours each in the preparation of such compounds as will give familiarity with the most important synthetical methods.

Dr. FOOTE:—

37 *Physical Chemistry.* 2d half of 2d term.

A course of about twelve lectures on the theory of Physical Chemistry.

38 *Physico-Chemical Measurements.* 2d term.

Laboratory practice in the more important methods of Physical Chemistry.

40 *Electrochemistry.* 2d term.

Experimental work in Electrochemistry, including the usual measurements, quantitative electro-analysis, and the synthesis of organic and inorganic compounds.

(COURSES IN THE KENT LABORATORY)

The Kent Laboratory is open daily from 9 A. M. to 1 P. M., and from 2 to 5 P. M., to students who take strictly graduate courses.

Professor GOOCH, Assistant Professor BROWNING, and Dr. I. K. PHELPS :—

*41 *Inorganic Chemistry—Experimental and Descriptive.* 3 exercises—6 hrs.

[See Course 210, page 115.]

Assistant Professor BROWNING :—

*42 *Qualitative Chemical Analysis.* 3 exercises—5 hrs.

[See Course 211, page 115.]

Professor GOOCH and Dr. I. K. PHELPS :—

*43 *Organic Chemistry.* 2 exercises—4 hrs.

[See Course 212, page 115.]

Dr. I. K. PHELPS :—

44 *Organic Synthesis.*

Laboratory practice in synthetical processes too long or too complicated to be included in the experimental work of course 43.

Professor GOOCH :—

*45 *Quantitative Analysis.* 2 exercises—6 hrs.

[See Course 213, page 116.]

46 *Quantitative Chemical Analysis (second course).*

Practice in the more complex processes of gravimetric, volumetric, and electrolytic analysis.

[47 *Chemical Theory.* 1 hr.

This course (given in alternate years) is devoted to the discussion of the general principles and modern theories of chemistry. It will be omitted in 1900–1901.]

48 *Special Methods.*

Laboratory practice in special methods of analysis and research.

49 *Original Work and Research in Inorganic Chemistry.*

(*a*) Special problems of *analysis*—either experimental criticism of known processes or constructive work looking towards the development of new methods.

(*b*) The critical examination of reactions.

Assistant Professor BROWNING :—

50 *The Rare Elements.* 1 hr. both terms.

A short course of lectures covering the discovery, occurrence, and principal reactions of the elements not included in the general course. The methods in use for the qualitative and quantitative determinations are carefully studied, and a systematic arrangement developed so far as practicable. Those who wish to do so may take laboratory work in connection with these lectures.

51 *Inorganic Preparations.* 1 hr. both terms.

A short course, mainly laboratory work, covering typical methods for the preparation of inorganic salts. Thorp's *Inorganic Preparations* serves as guide.

THE CHEMICAL CLUB, composed of instructors, graduate students, and others interested in chemistry, holds fortnightly meetings for the presentation and discussion of papers and reviews of recent work.

BIOLOGY

Professor VERRILL :—

52 *Zoology.*

Laboratory practice, recitations, readings, and lectures. The laboratory work is varied according to circumstances, in order to accommodate, as far as possible, those students who wish to pursue special branches. Most of the time is devoted to comparative anatomy, morphology, histology, and systematic zoology. Ample collections in the Peabody Museum, representing all classes of animals, are available for instruction, while the proximity to the sea makes it easy to provide fresh or living examples of most classes of marine animals for study and dissection.

Professor S. I. SMITH and Dr. COE :—

*53 *Elementary Anatomy and Histology.* 4 hrs. 1st term.

[See Course 241, page 118.]

*54 *Comparative Anatomy and General Biology.* 6 hrs. 2d term.

[See Page 182.]

55 *Comparative Anatomy and General Biology.*

Graduate students who have had sufficient elementary training are received in the Sheffield Biological Laboratory, and are provided with special advanced courses of instruction adapted as far as possible to the particular wants of the individual student. Such courses may cover either or both terms, and require at least three hours of laboratory work per day for two or more days each week. To such students the laboratory is open five days a week.

*56*a* *Morphology and Embryology of Vertebrates* 2 hrs. 1st half 2d term.

[See under Comparative Anatomy and General Biology, page 182.]

Professor CHITTENDEN and Assistant Professor MENDEL:—

56 *Physiological Chemistry.*

Graduate students who have sufficient knowledge of analytical and organic chemistry and elementary physiology are received in the Sheffield Biological Laboratory at the beginning of the academic year, where they can pursue a course in physiological chemistry extending throughout the entire year. The course necessitates, on an average, four hours of laboratory work each day, and attendance at lectures and recitations three or four times each week. Opportunities are afforded also for the carrying on of original investigations, and to students qualified for such work the laboratory is open during the entire day.

Students who are desirous of studying any special subject in physiological chemistry and have but a limited amount of time are received also, provided they are qualified by previous work to pursue the study advantageously.

57 *Experimental Physiology.* 3 hrs.

Essentially a laboratory course intended to afford experimental acquaintance with certain departments of physiology, and giving

particular reference to general physiological methods. The physiology of muscle and nerve, of the circulation, secretion, etc., is considered in some detail. Other departments are treated in a more elementary manner; a brief survey of the entire field is thus afforded, while certain topics are studied with sufficient thoroughness to give training in technique and appreciation of the aims and methods of research. Opportunity is also afforded for more advanced work in certain lines of experimental physiology.

58 *Physiological Seminary.* 2 hrs. both terms.

A study of the recent advances in physiology and physiological chemistry is undertaken. Informal talks are given on the bearing which recent discoveries in physiology have on existing views, and the students are required to prepare reports and reviews of work appearing in the current German, French, and English physiological literature.

Professor CHITTENDEN:—

59 *Experimental Toxicology.* 2d half 2d term.

A course of about twenty lectures, with demonstrations on the physiological action of the more important mineral and alkaloidal poisons. This course can be supplemented, if desired, by laboratory work on the chemical reactions of poisons, with a study of the methods of detecting and separating poisons.

*60 *Physiology.* 1 hr.

[See Course 240, page 118.]

*61 *Physiological Chemistry.* 4 hrs. 2d term.

[See Course 241, page 118.]

*62 *Physiology of Nutrition.* 3 hrs. 1st half 2d term.

[See Physiological Chemistry, page 181.]

Dr. EVANS:—

*63 *Botany.* 3 hrs. 2d half-year.

An elementary course in the botany of flowering plants. Laboratory work and recitations. The plant and its various organs are studied with respect to their form, structure, and functions, and special emphasis is laid on the relationships of a plant to its environment.

64 *General Morphology of Plants.* 4 hrs.

Laboratory work and informal lectures. Beginning with the simplest forms, the various groups of plants are taken up in suitable types, and their structure, development, and mode of life are studied and compared.

The course is open only to those who show a satisfactory knowledge of the botany of flowering plants.

65 *Advanced Morphology and Taxonomy of Plants.*

The botanical laboratory is open throughout the year to graduate students, properly qualified, who wish to pursue advanced studies along some special line in morphological or taxonomic botany. The instruction is adapted as far as possible to the needs of the individual student.

Dr. COE :—

66 *Cytology and General Embryology.* 4 hrs. 1st term.

Laboratory work, supplemented by lectures, on the animal cell in the principal phases of its activity, with special reference to maturation, fertilization, and cleavage of the ovum. The course includes the practical study of protoplasmic structure and movement, cell with resting nucleus, cell-division, spermary and spermatozoa, ovary and maturation of the ovum, fertilization, cleavage, and formation of primary layers of the embryo. Considerable attention is given to the technique of the subject, and to experimental embryology.

In addition to the above, special courses may be arranged to meet the requirements of individual students, and such courses may include a study of the later stages of the development of the embryo, with special reference to the vertebrates.

The BIOLOGICAL CLUB, composed of instructors, graduate students, and others interested in Biology, meets fortnightly for the presentation and discussion of papers and reviews of recent work.

FORESTRY

The following courses given in connection with THE FOREST SCHOOL are open to graduate students.

Assistant Professor TOUMEY :—

67 *Forest Botany.* 2 to 4 hrs. to count as 2 hrs.

The identification of trees and shrubs, their distribution, habit, and uses. Anatomy and Physiology of trees. Herbaceous

and cryptogamic plants are considered chiefly so far as a knowledge of them is useful in Forestry.

Professor BREWER :—

68 *Forest Physiography and Meteorology.*

4 hrs. 1st half 2d term.

General conditions necessary to forests; elementary meteorology; forests as related to temperature and its range; to rainfall and its range; to excesses of weather and climate; to the mechanical and chemical nature of the soil and ground-water; to the geological character of the surface; to the relief-forms of the land; to other geographical features; the geographical distribution of forests; the aspects of forests as related to climate and topography; and the geological history of forests.

Assistant Professor TOUMEY :—

69 *Introduction to Forestry.* 3 hrs. 1st half-year.

This course is designed to give a comprehensive view of forestry with special reference to its economic aspects. In it are considered the purpose and scope of forestry, its importance in national economy, the indirect influence of forests, the relation of the State to forests and forestry, the need for forestry and its practice in the United States.

Professor GRAVES :—

70 *Silviculture.* 3 hrs.

Characteristics of forests; the forests of the world; forest regions of the United States; special consideration of trees important in forestry; methods of conducting silvicultural studies; methods of reproducing forests; treatment of forests. Practical forest planting will be taught in the spring by the Assistant Professor.

The following additional courses given in THE FOREST SCHOOL will be open to graduate students in 1901–1902.

——— ———:—

71 *Forest Law.* 1 hr. 1st half 2d term.

Special consideration of the laws and decisions in the various States with reference to trespass, river driving, breach of contract, damages resulting from forest fires, etc.

Professor GRAVES :—

72 *Forest History.*

1 hr. 1st term, and 1st half 2d term.

Rise of the study of forestry in foreign countries and in the United States. Present practice of forestry in different countries.

Assistant Professor TOUMEY :—

73 *Forest Technology.*

2 hrs. 1st term, and 1st half 2d term.

Study of commercial woods in relation to their uses and important characteristics.

VII. MATHEMATICS

JOHN E. CLARK, M.A.
CHARLES B. RICHARDS, M.A.
A. JAY DUBOIS, Ph.D.
ANDREW W. PHILLIPS, Ph.D.
JAMES PIERPONT, Ph.D.
GEORGE P. STARKWEATHER, Ph.D.
WILLIAM A. GRANVILLE, Ph.D.
EDWIN B. WILSON, B.A.
J. WILLARD GIBBS, Ph.D., LL.D.
EUGENE L. RICHARDS, M.A.
WILLIAM BEEBE, M.A.
SAMUEL E. BARNEY, C.E.
PERCEY F. SMITH, Ph.D.
MILTON B. PORTER, Ph.D.
HERBERT E. HAWKES, Ph.D.

PURE MATHEMATICS

Professor CLARK :—

1 *Determinants, with applications to Geometry and the Theory of Elimination.* 2 hrs. 1st term.

2 *Differential Equations.* 2 hrs. 2d term.

The short courses in the above subjects are designed especially for the graduate students in the departments of engineering in the Sheffield Scientific School, whose time is mainly occupied with work in those departments.

Professor GIBBS :—

3 *Vector Analysis.* 3 hrs. 1st term.

Elementary course, in which the simpler problems of geometry, kinematics, and mechanics are treated by vector methods. The

matter taught is not entirely unlike that usually given in courses in quaternions, but the method followed is in some respects nearer to Grassmann's than to Hamilton's.

4 *Advanced Vector Analysis.* 3 hrs. 2d term.

Advanced course, including differentiation with respect to position in space, the theory of the potential and allied functions, and that of linear vector functions. Applications are made to hydrodynamics, to the motion of a rigid body, and to the theory of curvature. This course is especially designed as an introduction to the study of mathematical physics, and is open only to those who have taken the preceding.

5 *Multiple Algebra.* 1 hr.

The object of this course is to give some idea of the methods and results of the principal non-arithmetical algebras, especially of the *Ausdehnungslehre* and the algebra of matrices. It is intended for such students as have already some familiarity with the algebra of vectors, derived from the preceding courses or from the study of quaternions.

6 *Electro-Magnetic Theory of Light.* 2 hrs.

This course commences with the general theory of harmonic motion and its representation by complex scalar and vector quantities. The laws of electrodynamics are then applied to the phenomena of the propagation of light in isotropic and æolotropic media, and its reflection at a surface between two such media, including the case of an absorbent medium, and the dispersion of colors.

In the year 1901–1902, in addition to the courses 3 and 4 in vector analysis, the following may be expected:

7 *Electricity and Magnetism.* 1 hr.

In this course, which is based on Maxwell's theory, the student is taught the use of vector methods in this branch of physics.

[Omitted 1900–1901.]

8 *Thermodynamics and Properties of Matter.* 2 hrs.

This course is a development of the consequences of the two fundamental laws of thermodynamics, as affording a general theory of physical and chemical equilibrium, and as giving shape to the investigation of the sensible properties of matter.

[Omitted 1900–1901.]

Professor BEEBE :—

9 *Celestial Mechanics.* 3 hrs.

Development of formulae and numerical calculations for determining the parabolic orbit of a comet from three observations.

Computation of an ephemeris and reduction of observations for comparison with the ephemeris.

The course may be carried on through a second year to the computation of elliptic orbits and the discussion of perturbations.

Professor PIERPONT :—

10 *Finite Groups—Galois Theory.* 3 hrs. 2d half-year.

This course falls into two parts ; one part treats of the general theory of finite groups, in particular substitution groups and the groups of the regular bodies ; the other is their application to the solution of algebraic equations. The course, while important in itself, is helpful as a preparation for the theories of Lie on continuous groups and their applications to higher geometry and differential equations.

11 *Differential Equations and Function Theory.* 3 hrs.

Topics are : definite integrals, Gamma functions, elements of the function theory of a complex variable, elliptic functions with application to physics and geometry, differential equations, particularly the equations of mathematical physics.

12*a* *Theory of Numbers.* 3 hrs. 1st half-year.

The more elementary properties of whole numbers and binary quadratic forms are treated. The present state of certain higher theories, as the theory of groups, the elliptic and automorphic functions, the theory of numerical algebraical bodies, etc., makes an elementary course, as here proposed, quite essential.

12*b* *Theory of Numbers and Complex Multiplication of Elliptic Functions.* 3 hrs. 2d half-year.

It is proposed to develop the relations existing between the theory of binary quadratic forms and the elliptic modular functions for singular moduli.

Professor PERCEY F. SMITH :—

13 *Theory of Transformations of Space.* 2 hrs. 2d term.

Elementary course, treating of displacements, inversions, collineations and correlations.

14 *Continuous Groups of Transformations.* 3 hrs.

An introductory course to the more abstract parts of Lie's theory.

Dr. GRANVILLE :—

15 *Differential Geometry.* 3 hrs. 1st term.

Treats of the more advanced parts of the application of the calculus to the theory of twisted curves and surfaces.

Dr. PORTER :—

*16 *Advanced Calculus.* 3 hrs.

This is a continuation of the first course in calculus, and in turn leads up to courses in higher analysis and geometry. More advanced parts of the calculus are here treated; the complex variable is introduced, and much attention is given to the application of the calculus to the theory of twisted curves and surfaces.

Books of reference: Byerly's *Differential and Integral Calculus*, 2 vols.; Appell's *Éléments d' Analyse mathématique;* Czuber, *Differential und Integral Rechnung;* Serret-Bohlmann, *Differential und Integral Rechnung;* C. Jordan, *Cours d'Analyse.*

17 *Linear Differential Equations.* 2 hrs.

This course deals mainly with functions defined by linear differential equations, with rational coefficients, whose singular points are regular. Especial attention is devoted to those equations which define the functions most useful in mathematical physics, and the hypergeometric functions are studied in as much detail as the time admits.

Dr. HAWKES :—

18 *Higher Algebra.* 3 hrs. 1st half-year.

This course treats of those algebraic methods and facts which the student finds indispensable for his further progress in pure and applied mathematics.

The topics treated are symmetric functions, substitutions, determinants, solution of linear systems of equations, roots of unity, elimination, resultants, discriminants, invariants, and the numerical solution of algebraic and transcendental equations.

Books of reference: Burnside and Panton, *Theory of Equations;* Carnoy, *Algèbre superieure;* Weber, *Lehrbuch der Algebra.*

Mr. WILSON :—

19 *Analytical Mechanics.* 3 hrs. 2d half-year.

The object of this course is to introduce the student to the more important facts of statics and dynamics, making use of the calculus. To develop the student's mechanical intuition, a large variety of problems is given.

Books of reference; Ziwet's *Mechanics;* Williamson's *Dynamics;* Voigt, *Mechanik;* Appell's *Traité de Mécanique rationelle.*

20 *The Theory of Plane Curves.* 3 hrs. 1st half-year.

In the first few lectures the general theory is developed and applied to a cursory treatment of cubics and biquadratics. This is followed by Cremona transformations. The deficiency and moduli are shown to be absolute invariants for such transformations, and Plücker's equations are established. Modern methods are used and with all possible rigor.

Before entering this course the student should have had a thorough course in Analytic Geometry and Algebra.

This course leads up to "Abelian Integrals," and forms a contrast to "Projective Invariant-theory and its Geometric Applications," which may be expected in 1901–1902.

Assistant Professor STARKWEATHER :—

21 *Mechanics.* 2 hrs.

The course consists of lectures and seminary work, a good knowledge of the calculus and a previous course in elementary mechanics, especially the problems thereof, being assumed. Special attention is given to the kinematics of a rigid body and of plane kinematic chains with one degree of freedom. In dynamics the fundamental conceptions of force and mass receive particular consideration, and special effort is made to give the student a clear sense of the importance and applicability of the

principles of work and energy, momentum, and moment of momentum, which are considered successively for the material particle, the rigid body and a system of bodies.

——— ———:— 3 hrs.

21*a* *Elementary Mathematical Physics.*

Open to those who have taken Elementary Physics and Calculus.

First term, Heat with especial attention to thermodynamics.

First half of second term, general subject of Electricity and Magnetism.

Second half of second term, Wave Motions and Light.

[Omitted in 1900–1901.]

READING CLUB IN FRENCH AND GERMAN MATHEMATICS.

The club is in charge of instructors in turn, and holds its meetings once or twice weekly.

Various specimens of mathematical French and German literature are read. The object is to give students an opportunity to become familiar with mathematical technical terms and to acquire an ability to read mathematical literature rapidly at sight.

This does not count as a course. Attendance is voluntary but warmly recommended to all.

APPLIED MATHEMATICS

Professor C. B. RICHARDS:—

MECHANICAL ENGINEERING.

This course, arranged for candidates for the degree of Mechanical Engineer, is open also to special graduate students, who are allowed in certain cases to take selected parts. The leading topics are:

22 *Applied Mechanics.*

Including graphical methods in applied kinematics, and in the investigation of mechanisms working with friction; graphical determinations of the accelerations of the moving parts of machines; the strength of materials as affecting the proportions of machine elements; the applications of the principles of hydraulics to the construction and working of turbines and pumps.

23 *Thermodynamics.*

Applications to the compound steam-engine, air compressors and compressed air motors, engines worked by volatile vapors, refrigerating machines, the warming and ventilation of buildings.

24 *Machine-Design.*

In this course the student is engaged in practical exercises under the guidance of the professor in charge, investigating machinery, the designing and making of working-drawings, specifications, and estimates for machines and manufacturing plant. In addition to the study of machines in general, one of the following subjects (at the option of the student) receives particular attention: (*a*) Marine engineering; (*b*) Railway machinery; (*c*) Pumping machinery and plant; (*d*) Machinery and plant for manufacturing. The student is required to make complete drawings, from new designs, of at least one important piece of machinery under one of these subjects. A compound marine engine and boilers, a locomotive, a turbine driving centrifugal pumps, a blowing-engine for an iron furnace, are examples.

Candidates for the degree of Mechanical Engineer are required to take also a course in mathematics, to sustain a final examination, and to present a satisfactory thesis on a subject approved by the professor in charge of the course.

Professor DuBois :—

Civil Engineering.

This course offers instruction for advanced graduate students as well as for those students who may be regular candidates for the degree of Civil Engineer. It embraces the following topics:

25 *Mechanics applied to Engineering.* 4 hrs.

Including the application of kinematics, statics, and kinetics to engineering problems.

26 *Construction and Design.* 4 hrs.

Including the strength and properties of materials, construction and design of bridges, roofs, foundations, retaining walls, dams and embankments, masonry arches, sewerage and drainage, improvement of rivers and harbors, specifications and contracts, and the preparation of designs and working-drawings.

Candidates for the degree of Civil Engineer are required to take, in addition, a selected course in mathematics and practical

astronomy, and when the facilities in the physical laboratory permit, a course of laboratory work under the superintendence of the professors in charge. They are also required to sustain a final examination, and each to present a satisfactory thesis, accompanied by appropriate designs, upon a subject approved by the professor in charge of the course.

To special students, not candidates for the degree of Civil Engineer, a selection of special topics is allowed.

Professor E. L. RICHARDS :—

*27 *Navigation and Nautical Astronomy.* 3 hrs. 1st half-year.

[See Course 307, page 121.]

Professor BEEBE :—

*28 *Surveying.* 3 hrs. 2d half-year.

[See Course 308, page 121.]

*29 *Descriptive Astronomy.* 3 hrs. 1st half-year.

[See Course 309, page 122.]

*30 *Practical Astronomy.* 3 hrs. 2d half-year.

[See Course 310, page 122.]

Assistant Professor BARNEY :—

31 *Geodesy and Practical Astronomy.* 2d term.

Methods of observation, based on measurements, triangulation field-work ; theory of least squares, adjustment of observations, and computation of geodetic latitudes, longitudes, and azimuth. The study of practical astronomy embraces the use of the sextant and engineer's transit with solar attachment for determining time, latitude, azimuth, and needle variation.

32 *Railway Surveying.* Three weeks in September.

A preliminary line for a railroad is run out, and from the contour map so obtained a final line is located, staked out, and cross-sectioned, and estimates are made for construction. The field-work begins the first Monday in September and occupies the entire time for three weeks.

33 *Sanitary Engineering. Water Supply.* 1st term.

Methods of collecting and distributing, of judging its quality and effect on the public health, sources of contamination and methods of filtration.

34 *Design and Construction of Sewers and Sewage Disposal.* 2d term.

Treated both from an engineering and sanitary point of view.

The MATHEMATICAL CLUB holds fortnightly meetings, at which are presented sketches of the history of mathematical development and inventions, summaries of articles in current periodicals and other publications on pure and applied mathematics, descriptions and models of new apparatus, together with the original investigations of the instructors and advanced students in this department of study.

A MATHEMATICAL SEMINARY ROOM has been fitted up at 90 High street, and is provided with the nucleus of a Departmental Library for the use of the advanced students in Mathematics.

The ENGINEERS' CLUB meets monthly in North Sheffield Hall for the reading and discussion of papers on subjects relating to the different branches of engineering.

Lectures are occasionally given before the club by professional experts.

VIII. THE FINE ARTS

JOHN F. WEIR, N.A., M.A. JOHN H. NIEMEYER, M.A.

Professor WEIR :—

1 *Technical Course in Painting.*

Only those students who have been qualified by a course in drawing can enter the course in painting. The hours for students of the Graduate School must be determined individually. The charge for instruction, entitling the student to all the privileges of the School, is $25 for the college year.

2 *Course in Modeling.*

The course consists in modeling from the antique and from the living figure and is supplemented by the lectures given in course 1.

Professor NIEMEYER :—

4 *Course in Drawing.*

Students in the Graduate School may pursue the course in drawing in the Art School without restriction as to time. The charge for instruction is $25 for the college year, entitling the students to all the privileges of the School as arranged for students from other departments of the University.

IX. MUSIC

HORATIO W. PARKER, M.A. SAMUEL S. SANFORD, M.A.
HARRY B. JEPSON, B.A., MUS.B. ISIDOR TROOSTWYK.

Professor PARKER :—

*1 *Counterpoint.* 2 hrs.

[See Course 321, page 124.]

*2 *Strict Composition.* 2 hrs.

[See Course 322, page 124.]

3 *The History of Music.* 1 hr.

Lectures on the development of music from its earliest stages. Practical illustrations of the lectures on musical form are given in the class-room.

[Omitted in 1900–1901.]

*4 *Instrumentation.* 2 hrs.

[See Course 324, page 125.]

5 *Free Composition.* 2 hrs.

Several of the smaller forms of free instrumental and vocal music are composed by the students, such as part-songs for male, female, or mixed voices, and pieces of different sorts for the piano and other instruments.

At the close of the year the student is required to produce an extended work, probably in sonata form.

Assistant Professor JEPSON :—

6 *Harmony.* 2 hrs.

[See Course 320, page 124.]

Professor SANFORD, Assistant Professor JEPSON, and Mr. TROOSTWYK:—

7 *Practical Music.*

Instruction is given in Piano-, Organ-, and Violin-playing to a limited number of students. Fees range from $50.00 to $150.00 for the college year.

Each student of the piano-forte receives individual instruction, under the supervision of Professor Sanford, who will in person instruct a limited number of advanced students in the higher branches of the art, particularly in *ensemble* and concert-playing.

No student is admitted to a course in practical music who has not been admitted to one of the theoretical courses.

Students of organ-playing receive personal instruction from Prof. Jepson, and of violin-playing from Mr. Troostwyk.

X. PHYSICAL EDUCATION

JAY W. SEAVER, M.A., M.D. WILLIAM G. ANDERSON, M.D.

Dr. SEAVER and Dr. ANDERSON:—

Physiology and Gymnastics. 2 hrs.

This course is designed for those who intend to teach gymnastics or to direct departments of physical education in institutions of learning. The work comes under two general branches as follows:

1 *Physiology.*

This work consists of one recitation or lecture a week with Dr. Seaver, during the year. The first term is devoted to elementary physiology. The second term is devoted to human physiology; special attention being given to a study of the circulation, respiration, digestion, and excretion. The hygienic importance of these topics is carefully studied. The third term is given to a study of sanitary science. Collateral reading will be required during the third term.

Dr. Seaver may be consulted at the Gymnasium from 9.30 to 10.30 A. M. daily.

2 *Principles and Practice of Gymnastics.*

Under this head are discussed by Dr. Anderson (*a*) the scientific basis of physical training; (*b*) history of gymnastics and growth of the various systems; (*c*) means employed, such as apparatus and appliances; (*d*) physical examinations and measurements; (*e*) pedagogy of gymnastics. Required text-books: Anderson's *Gymnastic Terminology* and *Methods of Teaching Gymnastics.*

Members of the class are called upon to arrange exercises for other classes, to classify movements for overcoming common physical defects, and to do practice work in teaching gymnastics.

Dr. Anderson may be consulted at the Gymnasium from 4 to 6 P. M.

YALE SCHOOL OF THE FINE ARTS

FACULTY

ARTHUR TWINING HADLEY, LL.D., PRESIDENT

JOHN FERGUSON WEIR, N.A., M.A., *Director, and Professor of Painting*

JAMES MASON HOPPIN, D.D., *Professor of the History of Art, Emeritus*

JOHN HENRY NIEMEYER, M.A., *Professor of Drawing*

JOHN PIERREPONT CODRINGTON FOSTER, M.D., *Instructor in Anatomy*

OTHER INSTRUCTORS

GEORGE HENRY LANGZETTEL, B.F.A., *Clerk, and Assistant in Drawing*

FRANK CRAWFORD BOARDMAN, *Instructor in Modeling*

GEORGE ALBERT THOMPSON, B.F.A., *Assistant in Painting*

JOHN IRELAND HOWE DOWNES, B.F.A., *Librarian*

ORGANIZATION AND COURSE OF STUDY

The School aims to provide thorough technical instruction in the Arts of Design, viz: Drawing, Painting, Sculpture, Architecture, and Copperplate Etching; and to afford a knowledge of such branches of learning as relate to the Philosophy, History, and Criticism of Art. As a professional School of Art the aim is to furnish a thorough course of study in the practice of the studios, and as a department of the University to provide instruction in the Fine Arts as a constituent part of a scheme of general culture. These departments, of Practice and Criticism, may be regarded as distinct or correlative.

THE TECHNICAL COURSE

The technical instruction, for professional students, is based upon methods well adapted to discipline the faculties and ground the pupil in the elements and fundamental principles, which constitute a grammar of Art, as a foundation for all forms of special application. This instruction is arranged as follows:

IN DRAWING, the work is distributed over a three years' course. During the first year the practice of the studio is confined to drawing from the "Antique," from plaster casts; during the second year, to drawing from casts and the living model; and during the third year, to drawing from the living model, nude and draped. The classes under the supervision of the Instructor in this department are the antique, portrait, nude-model, and sketching classes. Students showing the requisite proficiency in any class, will be advanced to the work of the second or third year according to individual ability. Instruction in this department precedes all special courses in the various branches of Art; no pupil is allowed to enter any of the advanced classes without this necessary qualification in that degree of proficiency which is deemed essential as a preliminary ground for such studies. Lectures on the principles of decoration, as applied in the various branches of Decorative Art, are included in this department.

IN ANATOMY, instruction is given in the form of lectures, and by drawings made from specimens and casts. The course comprises the study of such portions of the human body as manifestly affect the external forms, the aim being to familiarize the pupil with the characteristics of those parts, independently of their combined action in modifying the external forms. Drawings of these parts are made by the pupils, in connection with the subjects discussed by the lecturer. Advanced studies include the whole structure of the human form in its plastic anatomy and mechanism. The skeleton and muscular system are viewed as a whole, and the modification of the external forms studied in action and repose. The subjects of proportion, equipoise and motion, and expression, are studied, and original drawings required in illustration, made from life, or from Greek sculptures, by reducing the same to their anatomical structure by the imagined removal of the integument.

IN PERSPECTIVE, the instruction is likewise given in the form of lectures, illustrated by examples drawn on the blackboard, explaining the principles under discussion. The lectures are supplemented by

practical exercises. The student is required to work out examples in the interim between the lectures. Objects are treated with reference to their true dimensions, as preliminary to their correct representation on a flat surface, as seen in perspective, at various distances, and from different points of view, including the study of shadows and reflections, and the application of the general principles of perspective to interior and exterior views. The pupil is required to work out problems in illustration of all the principles involved in linear perspective in its application to the various branches of art.

In Painting, the work is divided into an elementary and an advanced course of study. The first studies are devoted to the acquisition of a knowledge of the elements of technical practice, by painting from still-life. When the pupil has acquired some knowledge of the means in representing objects in color, as to their values and relations, the remainder of the course is given to studies of the living model, in portrait, figure, and composition. This is continued while the pupil remains in the School. The course in painting implies, on the part of the pupil, a requisite knowledge of drawing, and drawing from the living model is continued throughout the course in connection with the work in color. The practice of the studio is supplemented by illustrated lectures on Color, Chiaroscuro, Composition, and such other special topics relating to the principles and means of Art as are comprehended in its theory and practice.

In Modeling, a course is provided, including the anatomical lectures, and drawing. The work in this branch of instruction consists in first modeling in clay, from casts of Greek fragments, the head and other extremities of the human form, and then the whole figure. When the student has sufficient command of the method and means, the rest of the course is devoted to modeling from the living subject.

In Architecture, the course includes drawing, as provided in that special department in its elementary instruction, as well as the course in isometric projection and perspective. Under the instructor in Architecture, studies are made from notable examples of the various orders and styles, in chronological order, with original projects in illustration to be worked out by the student. The means and methods of preparing plans, elevations, sectional and working drawings, and perspective views in india-ink and water-color, are comprehended in the elementary part of this course. Arrangements may be made with other Departments of the University, by which students in Architecture can obtain the requisite instruction in mathematical subjects having a direct bearing on this art, including plane geometry, stone-cutting, the nature and strength of materials, and the principles of construction and engineering.

The course includes a general and comprehensive view of the historic development of the various architectures, with a comparative analysis of the same with respect to their principles of construction and decoration.

IN COPPER-PLATE ETCHING, a course is provided, and a room set apart for this special study, containing all the necessary appliances of this art, including a press.

COURSE IN THE HISTORY AND CRITICISM OF ART

The instruction in this department includes courses of lectures by the various Instructors of the School, and other invited Lecturers, arranged to include professional students in regular course, and classes from other departments of the University where it is recognized as an "elective" study.

A course of technical lectures in the Principles and Means of Art is provided, fully illustrated, embracing the subjects of Line, Chiaroscuro, Color, Composition, and Expression, discussing the technical methods of the Painter, the Sculptor, the Architect, and the Engraver, including an historic account of the technical development of these arts.

The regular prescribed course of study, for professional students, covers a period of three years, but pupils are encouraged to remain in the School and pursue advanced studies after the expiration of the prescribed term. The fees are at the rate of ten dollars per month, with an annual fee of ten dollars. No pupil is received for a term of less than three months; payment in advance. The tuition fee for a fourth year's attendance is one-half the usual rate; pupils remaining for a longer period are classed as "honorary students"; as such they are exempt from the payment of a tuition fee, but are charged an annual fee of fifteen dollars. The School is open to both sexes; no pupil is received under fifteen years of age. All applications for admission should be made through the Director. The School opens on the 1st of October,

and the closing exercises are held on the 1st of June. At the end of the School-year an exhibition of the work of the various classes of pupils is held, continuing open through the summer months.

ELECTIVE COURSES are provided for the Junior and Senior Classes of the Academical Department, as set forth on page 112. Also, a course in Architectural drawing, and a special course in Free-hand Drawing arranged to meet the requirements of students in the Sheffield Scientific School.

Members of all Departments of the University may enter the Art School, and enjoy its privileges, as "Special Students," on the payment, in advance, of an annual fee of twenty-five dollars.

CERTIFICATES are awarded to pupils remaining in the School through the regular course of three years ; and the Degree of BACHELOR OF FINE ARTS is conferred by the University upon those students who have fulfilled the requirements of a prescribed course of advanced studies in the several departments of instruction, and have submitted an approved original composition in painting, sculpture or architecture, and a satisfactory thesis on some topic relating to the Fine Arts. Students from other Art Schools, who have passed through the requisite elementary course in art, may enter this advanced course, ending in the conferring of the above degree, on passing the requisite examinations.

THE WILLIAM WIRT WINCHESTER FELLOWSHIP, for study abroad, supported by the income derived from a fund of $20,000, will be competed for every two years, provided a preliminary examination of the work of candidates shall warrant the holding of a competition at the regular time. Competing students must have been pupils of the Yale School of Fine Arts for at least two years before the award is made. From the students whose work is thus submitted for examination, five will be selected to engage in a preliminary *concours ;* and from these five, not more than

three will be chosen for a final competition, for which a specified subject in composition will be required. The award will be made at the anniversary of the School, the jury being comprised of three well known artists chosen by the Faculty. The successful competitor may hold this Fellowship for two years' residence abroad, subject to certain specified requirements. The right is reserved to withhold the award, should the work of the competing student fall below the required standard of merit.

The ALICE KIMBALL ENGLISH PRIZES, the income from a foundation of three thousand dollars, including silver and bronze medals, are awarded annually to students taking the regular courses of study in the School, under such conditions as the Faculty may prescribe.

The ETHEL CHILDE WALKER PRIZE, the income from a foundation of two hundred dollars, is also awarded annually, under certain restrictions.

The TROWBRIDGE LECTURE COURSE provides lectures on art by various invited lecturers outside of the Faculty. This course of lectures is open to all members of the University.

The ART LIBRARY, containing a collection of technical hand books, current art-periodicals, and portfolios of etchings and engravings, is open, during specified hours, for the use of students. The pupils of the School are entitled to the use of the University Library, and to such other privileges, under the usual restrictions, as are granted to students in the other Departments.

The COLLECTIONS embrace the "Jarves Gallery of Italian Art," numbering one hundred and twenty-two paintings dating from the 11th to the 17th centuries; the "Trumbull Gallery" of historical portraits and other works, numbering fifty-four pictures; the Alden collection of Belgian wood-carvings, of the 16th century, comprising about one hundred and twenty feet of wainscoting and three confessionals, from a chapel in Ghent; a collection of contemporaneous art, numbering about fifty paintings; a small

collection of original sketches by old masters; a collection of about one hundred and fifty casts and marbles, representative of the various periods of Greek and Renaissance Art; a valuable collection of Chinese porcelains and bronzes, loaned by Professor Frederick Wells Williams; and a collection of Braun autotypes, and other reproductions, numbering about two hundred.

The Collections of the School are open daily, without charge, from 1 to 5 P. M., during term-time; also, during the summer vacation from 9 A. M. to 6 P. M., when a fee of twenty-five cents is charged. This fee is also charged when special loan exhibitions are organized, in order to meet incidental expenses.

DEPARTMENT OF MUSIC

FACULTY

ARTHUR TWINING HADLEY, LL.D., PRESIDENT
HORATIO WILLIAM PARKER, M.A., *Professor of the Theory of Music*
SAMUEL SIMONS SANFORD, M.A., *Professor of Applied Music*
HARRY BENJAMIN JEPSON, B.A., MUS.B., *Assistant Professor of the Theory of Music*

ISIDOR TROOSTWYK, *Instructor in Violin-Playing*
HENRY STANLEY KNIGHT, *Instructor in Piano-Forte Playing*

The Department of Music aims to provide adequate instruction for those who intend to become musicians by profession, either as teachers or as composers, and to afford a course of study to such as intend to devote themselves to musical criticism and the literature of music.

In all the courses a knowledge of piano-playing is required, though in a less degree if the student plays well some other musical instrument.

The work in the Department is divided into theoretical and practical courses of study. The Department is open to undergraduates and graduates, also to special students. Admission is granted without distinction of sex. The theoretical studies consist of the courses mentioned below from 1 to 6 inclusive. The practical courses consist of instruction in Piano-, Organ-, and Violin-playing. No student will be admitted to any practical course unless he shall already have been admitted to one or more of the theoretical courses.

The theoretical courses are subdivided into elementary and advanced. Courses 1, 2, and 3 are considered elementary. At the close of the academic year, students who have completed course 2 may become candidates for a

Certificate of Proficiency in the Theory of Music by passing an examination in four-part harmony and counterpoint, in the history of music, and in the structure of song and sonata forms. An unprepared analysis of classical works will be required in addition. Academic students on the completion of the same course and passing the same examination with distinction, will receive one-year honors in Music (see p. 137).

The advanced courses are numbered 4, 5, and 6. They are open only to students who are able to pass the examination required preliminary to the granting of the Certificate of Proficiency in Theory mentioned above. Members of these classes at the end of two years' work, or its equivalent, may become candidates for the degree of *Bachelor of Music*. The candidate will be required to pass an examination before a Board of Examiners, consisting of the Faculty of the Department of Music. Satisfactory evidence of proficiency in the theory of music and in any two of the following languages (one of which must be a modern language), Greek, Latin, French, German, Italian, shall be given to the Professor of the Theory of Music, prior to the examination ; also, an original composition in one of the forms to be designated by him. The examination will be in advanced Counterpoint, Canon, Fugue, the higher forms of Musical Composition, and impromptu Orchestration. Academic undergraduates, on passing this examination with distinction, will receive two-year honors in Music (see p. 137).

The fees for instruction are from fifty to two hundred dollars per year. The fee for the theoretical courses only is fifty dollars per year. These fees may be remitted in whole or in part when the student needs the relief and shows natural talent in such degree as to warrant it in the opinion of the Faculty. A special fee will be charged for instruction in Violin-playing. The fee for Certificate of Proficiency in the Theory of Music is five dollars. The fee for a degree is ten dollars.

1 *Harmony.* Tuesday and Thursday, 4 P. M.

The study of chords, their construction, relations and progressions. This course covers the following subjects:

Intervals, triads, seventh chords, modulations, chromatically altered chords, suspension, organ point, passing and changing notes.

Figured bass is used only as a means of designating chords. Attention is turned at once to the harmonizing of melodies.

The original principles from which rules are derived are discussed and students are encouraged to exercise and cultivate their own judgment in the application of these principles.

Particular attention is given to the natural melodic and harmonic tendencies of tones and intervals. The subject of modulation is treated with special care and at length. Exercises are corrected in the class-room with explanations and illustrations.

G. W. Chadwick's Harmony is used as text-book.

2 *Counterpoint.* Tuesday and Thursday, 3 P. M.

A thorough knowledge of Harmony is required of students in this course.

The work is the harmonizing and supplying melodious additional voices to choral and other melodies used as *Canti Firmi.*

The different orders of Counterpoint in two, three, and four voices; also double counterpoint, and more or less free imitative writing.

Students in this course are encouraged to try the simpler forms of free composition. No text-book is used.

3 *The History of Music.* Wednesday, 5 P. M.

Lectures on the development of music from its earliest stages. History of Church music from the time of Gregory; History of Opera and Oratorio; Biographical sketches of famous composers, with description and analysis of their principal works; History of purely instrumental music, showing the growth and development of musical forms up to their culmination in Beethoven.

Practical illustrations of the lectures on musical forms are given in the class-room.

[Omitted in 1901–1902.]

4 *Strict Composition.* Tuesday and Thursday, 2 P. M.

The more severe kinds of composition form the basis of work in this course.

Harmony in Five and more parts; Threefold and Fourfold Counterpoint; Four- and Three-part Fugues for voices or for instruments; Canons of various kinds, with or without accompaniment of free voices; Free treatment of different kinds of thematic material.

This course is preparatory to course 6. No text-book is used.

5 *Instrumentation.* Wednesday and Friday, 3 P. M.

This course is open only to students who have done the work of courses 1 and 2, and it is strongly recommended that course 4 also should precede it.

Lectures are given on the nature, compass, tone-color, and other characteristics of all the instruments of the modern orchestra, with illustrations of their use by great composers.

Exercises in the practical orchestration of short pieces from the works of classic and modern composers, in analyzing, reading, and playing from orchestral scores, beginning with Haydn and Mozart Symphonies, and embracing modern works of various kinds.

6 *Free Composition.* Wednesday and Friday, 2 P. M.

This course is open only to students who have done the work of courses 1, 2, 4, and 5, and have shown unmistakable talent for original composition. Several of the smaller forms of free instrumental and vocal music are composed by the students, and studies are made for larger compositions, which are finished in case the thematic material offered is of sufficient merit.

At the close of the year the student is required to produce an extended work, probably in sonata form.

PRACTICAL MUSIC

The courses in practical music consist of instruction in playing the Pianoforte, the Organ, and the Violin.

No student is admitted to a course in practical music who has not been admitted to one of the theoretical courses.

I. PIANOFORTE—No student is admitted to a course in playing the pianoforte who has not already attained some proficiency in the use of the instrument and in sight-reading.

Each student is required to master the elements of a good touch and technique before undertaking the study of extended musical works.

Each student receives individual instruction, under the supervision of the Professor of Applied Music. Professor Sanford, in person, will instruct a limited number of advanced students in the higher branches of the art, particularly in *ensemble* and concert playing.

II. ORGAN—No student is admitted to the courses in playing the organ until he has acquired a satisfactory knowledge of pianoforte technique.

The work includes careful study of organ technique, and of works by representative classic and modern composers in Sonata form and in Polyphonic and Free styles, graded according to the needs of the individual student. Especial attention is given to the mechanical attributes of the instrument,—the pitch, quality, and possible combinations of the various registers, also to transposition and to playing from vocal-score.

III. VIOLIN—Students in violin-playing are received in all stages of proficiency, but the number of beginners is limited.

DIPLOMAS are awarded to those students of practical music, who, having successfully completed a three-years' course of instrumental study, are qualified to act as teachers or to appear as soloists.

The fees for instruction in instrumental music are as follows:

For Piano (for University students, graduate or undergraduate),	$50.00	for the	college	year.
For Piano (for other persons),	100.00	"	"	"
For Organ,	50.00	"	"	"
For Violin (class of two),	100.00	"	"	"
For Violin (for individual lessons),	150.00	"	"	"

These fees are exclusive of the fee for instruction in the theoretical courses.

THE STEINERT SCHOLARSHIPS.—By the liberality of Mr. Morris Steinert of New Haven three scholarships of $150 each have been offered for a second term of three successive years beginning in 1900.

The students who receive these scholarships are selected according to their promise and need by the Faculty of the Department, with the assistance of the donor, at the beginning of the Fall term. The amounts are intended to defray the charges for one student each in the branches of Piano, Organ, and Violin-playing, but the money may be differently divided at the discretion of the committee of award.

The LOCKWOOD SCHOLARSHIPS, founded by the bequest of five thousand dollars from Miss Julia A. Lockwood, of Norwalk, Connecticut, in 1897, are offered to two students annually in the Department, who shall pass the best examinations in the theory and practice of instrumental music upon the organ and pianoforte.

The NEW HAVEN SYMPHONY ORCHESTRA, under the direction of the Professor of the Theory of Music, gives a series of concerts during the winter, to which students in any Departments of the University are admitted for a small fee. This organization is a complete and well-equipped orchestra of about fifty players, and is a valuable adjunct to the Department of Music.

Students of orchestration are afforded an opportunity to hear their work actually performed, and any composi-

tion which is original and of sufficient merit may be performed publicly.

The same orchestra affords an opportunity to acquire orchestral routine to those students of the violin who are able to pass the examination for admission to the orchestra.

The most advanced students of piano-playing as well as violin-playing are allowed to rehearse with the orchestra, and to perform publicly, if fitted to do so in the judgment of the Faculty of the Department.

DEPARTMENT OF FORESTRY
(YALE FOREST SCHOOL)

GOVERNING BOARD

ARTHUR TWINING HADLEY, LL.D., PRESIDENT
HENRY SOLON GRAVES, M.A., *Pinchot Professor of Forestry*
WILLIAM HENRY BREWER, PH.D., *Professor of Agriculture*
GIFFORD PINCHOT, B.A., *Special Lecturer on Forest Policy.*

ADDITIONAL INSTRUCTORS

JAMES WILLIAM TOUMEY, M.S., *Assistant Professor of Forestry*
ADDISON EMORY VERRILL, M.A., *Professor of Zoology*
SAMUEL LEWIS PENFIELD, M.A., *Professor of Mineralogy*
LOUIS VALENTINE PIRSSON, PH.B., *Professor of Physical Geology*
ALEXANDER WILLIAM EVANS, M.D., PH.D., *Instructor in Botany*
HON. EDWIN BAKER GAGER, B.A., *Instructor in Law*
——— ——— *Assistant in Civil Engineering*

SPECIAL LECTURERS

Short courses of lectures will be given to the first year students on State and National Forestry by Mr. Gifford Pinchot, Forester in the U. S. Department of Agriculture, and on Forest Hydrography by Mr. F. H. Newell, Chief of the Division of Hydrography, U. S. Geological Survey. The course in Forest Protection will include a short series of lectures on Forest Entomology by Mr. A. D. Hopkins, Vice Director of the West Virginia Agricultural Experiment Station. A special lecturer will be engaged for the course in Forest Law, and, in connection with the course in Lumbering, it is expected that lectures will be given by men from different parts of the country who are actively engaged in various branches of the lumber business. It is further expected that arrangements will be made for other lectures on special subjects relating to Forestry by scientific experts.

ENDOWMENT

The Yale Forest School has been made possible by the gift of $150,000 from Mr. and Mrs. James W. Pinchot and their sons, Gifford and Amos R. E. Pinchot. The gift provides for the establishment of a department in the University, to be known as the Yale Forest School, for instruction and research in Forestry.

Provision is also made in the gift for a Summer School of Forestry at Grey Towers, Milford, Pike County, Pennsylvania, the estate of Mr. James W. Pinchot, a portion of which has been placed at the disposal of the Forest School for 21 years. The estate contains a tract of woodland for practical forest instruction, with open ground for planting, and the donors stand ready to furnish such equipment as may be necessary for the school. Mr. J. W. Pinchot has further generously agreed to place in the public library in the village of Milford a large collection of books relating to Forestry, for the use of the school.

EQUIPMENT

For the present the house of the late Prof. O. C. Marsh, 360 Prospect Street, will be used for the Forest School. Lecture rooms, a library, a laboratory, and an herbarium room have been furnished with such equipment as is necessary for the present needs of the school. The library already contains, through gifts and through purchase, over 1,500 books and pamphlets. A considerable amount of material has already been acquired for the herbarium and for a museum, and is now being classified and arranged.

Through coöperation with the Sheffield Scientific School and the Peabody Museum, the use of the extensive botanical, mineralogical, and zoological collections of these departments has been extended to the Forest School.

The practical field work during the first year and the first half of the second year is conducted upon woodlands at and near New Haven. The most important tract devoted

to this purpose is Maltby Park, an area of about 400 acres, the use of which has been offered to the School by the New Haven Water Company. The courses have been so arranged that the entire spring term of the second year will be spent in the field in Pennsylvania, in the Adirondack Mountains of New York, and in the White Mountains of New Hampshire. The tract of land at Milford, Pennsylvania, included in the gift for the use of the Summer School of Forestry, will also be used for the practical field work of the Forest School during the first part of the spring term of the second year. The land is admirably adapted to forest instruction, since it represents the average conditions prevailing in the eastern hardwood region. Large tracts in the Adirondacks and White Mountains have been offered to the school for practical forest instruction by Mr. William Rockefeller and the International Paper Co., and the owners have expressed their willingness to provide camps for the accommodation of the students.

DEGREE

Graduates of the Forest School, who have previously received Bachelors' degrees from collegiate institutions of high standing or have had a training, which in the judgment of the Corporation is equivalent to that obtained in such institutions, will be granted the degree of Master of Forestry.

SPECIAL STUDENTS

Under exceptional circumstances students who are not candidates for a degree, but who can show their fitness to pursue the courses given in the Forest School, may be admitted without examination. It is, however, the policy of the Governing Board to encourage the students to take the full course at the Forest School, rather than a special or partial course; and those students who wish to take a short course in Forestry, and are unable to pass the

entrance examinations to the Yale Forest School, are advised to avail themselves of the privileges offered by the Summer School at Milford, Pennsylvania, which is intended to meet their special requirements.

TERMS AND VACATIONS

There are two terms in each year. The first term begins, in 1901, on Thursday, September 26, and continues twelve weeks. The second term begins on the Wednesday after the first Thursday in January and continues until Commencement Day, with a spring recess of eight days, including Easter.

FEES AND EXPENSES

The annual charge for tuition is $100. A special fee of five dollars is charged to those who use the gymnasium and one of two dollars to those admitted to the College reading-room.

Frequent excursions will be taken to points of interest near New Haven, but the total annual expense for each student will probably not exceed $25. In the spring of the second year the work will be transferred from New Haven to the field, the first few weeks being spent in Pennsylvania and the remaining time in the Adirondacks. The traveling expenses will be about $60 for each student exclusive of his subsistence while in the woods, which will probably not exceed $5 per week. The fee for graduation is $5.

Board and lodgings can be obtained in New Haven at prices ranging from $5 per week upwards.

For expenses connected with the Summer School of Forestry see page 319.

TERMS OF ADMISSION

Applicants for admission to the Forest School must be not less than 20 years of age, and must produce certificates of good moral character.

Graduates of colleges or scientific schools of high standing will be admitted without examination provided they can show the requisite knowledge of Botany, Geology, and Inorganic Chemistry. Candidates who are not graduates from collegiate institutions of high standing will be required to pass an entrance examination in the subjects outlined below.

1 *Mathematics.*

Algebra to Quadratics.—Fundamental Operations, Fractions, Equations of the First Degree, with one or several unknown quantities, Inequalities, Powers and Roots, including the Theory of Exponents, the Binomial Formula for a Positive Entire Exponent, and the Transformation and Reduction of Radicals.

Algebra from Quadratics.—Equations of the Second Degree, Ratio and Proportion, Progressions, Continued Fractions, Permutations and Combinations, the Doctrine of Limits, the Nature of Series, the Method of Indeterminate Coefficients, Fundamental Properties of Logarithms, Compound Interest, and Annuities.

Plane Geometry.—Including fundamental notions of Symmetry, and examples of Loci and Maxima and Minima of Plane Figures; so much, for example, as in contained in the first five books and the appendix of Phillips and Fisher's Geometry.

Solid and Spherical Geometry.—So much, for example, as is contained in the last four books of Phillips and Fisher's Geometry.

Trigonometry and the use of Logarithms.—Including the Analytical Theory of the Trigonometrical Functions, and the usual formulae; the Construction and Use of Trigonometrical Tables; and the Solution of Plane Triangles; so much, for example, as is contained in the first six chapters of Newcomb's larger Trigonometry and in articles 75–78 of chapter viii, with the explanation of the first five tables in Newcomb's five-figure Logarithmic and Trigonometric Tables, which are furnished at the examination in New Haven. Candidates examined elsewhere are provided with Beebe's four-place tables, published by H. H. Peck, New Haven.

2 *Botany.*

A knowledge will be required of the principles of classification and of the structure of flowering plants. Candidates must be able to give the main characters of important groups of plants and to identify, by analysis, common flowering species.

3 *Geology.*

A knowledge is necessary of physiographical, lithological, dynamical, and historical Geology, so far as it is treated of in general text-books of Geology. Candidates must be familiar with the influence of the atmosphere and water on earth sculpture; with the subjects of oceans, continents, lakes, springs, rivers, valleys, mountains, glaciers, volcanoes, earthquakes, etc.; with the structure and classification of the more important rocks; with stratification, joints, shearing, cleavage, faults, mineral veins, dykes, etc.; and with the different geological periods.

4 *Chemistry.*

There will be required (*a*) a knowledge of the common elements and their compounds, based upon class-room and laboratory work. This will include the ability to sketch the apparatus used in the laboratory experiments, and to describe the phenomena observed. (*b*) Ability to write equations of simple reactions and to make calculation of the quantities involved in them, atomic weights being supplied. (*c*) Familiarity with the laws of chemical combination, including gases, and with the fundamental atomic and molecular theories.

5 *Physics.*

The examination will be designed to test the candidate's familiarity with the general phenomena of mechanics, sound, light, heat, magnetism, and electricity, and his knowledge of the simpler laws governing these phenomena.

6 *German or French.*

Candidates will be required to translate at sight simple prose selections from German or French authors, and to have such knowledge of grammar as will enable them to read the selections intelligently. This implies familiarity with the declensions of nouns, adjectives, and pronouns, with the conjugation and inflection of verbs, and with the syntax of cases. An ability to translate simple sentences from English into German or French will also be requisite. The candidate is at liberty to decide for himself in which of the two languages he shall be examined.

7 *English.*

Each candidate will be required to write an essay of not less than 800 words on some subject which he himself may select.

8 *Political Economy.*

So much, for example, as is included in Hadley's *Economics* and Jevons' *Money and the Mechanism of Exchange.*

EXAMINATIONS

Examinations for admission to the Forest School will be held in New Haven at the Forest School, 360 Prospect St., on Thursday, Friday and Saturday, June 27, 28 and 29, and on Monday, Tuesday and Wednesday, September 23, 24 and 25, 1901. Attendance is required at 9 A. M. on the opening day of the examinations.

On June 27, 28 and 29, 1900, examinations will be held at those places in the list given on page 61 from which applications are received.

Candidates who propose to take the examinations elsewhere than in New Haven are requested to send their names to Prof. Henry S. Graves, 360 Prospect St., New Haven, Ct., before June 15, 1901. A fee of five dollars, payable at the place of examination, will be charged for admission to the examination outside of New Haven.

CURRICULUM

The regular course covers a period of two years. The subjects have been so arranged that nearly all the preliminary work is completed in the first year. Enough technical Forestry is, however, taught during the first year to enable the students to make silvicultural studies, to investigate the growth and production of trees and forests, to establish forest plantations, and to make thinnings and other classes of cuttings. The second year is devoted to advanced technical work in the class-room and in the field.

COURSES OF INSTRUCTION

FIRST YEAR

FIRST TERM:—*Introduction to Forestry*—Lectures, 3 hours. *Silviculture*—Lectures, 3 hours. Field Work. *Forest Measurements*—Lectures and recitations, 2 hours. Field Work. *General Morphology of Plants*—Laboratory work and informal lectures, 4 hours (to count as 2 hours). *Forest Botany*—Lectures and laboratory work, 2 to 4 hours (to count as 2 hours). Excursions. *Mineralogy*—Laboratory work, 4 hours (to count as 2 hours). *Zoology*—Lectures, 2 hours.

FIRST HALF SECOND TERM:—*Silviculture*—Lectures, 3 hours. *Forest Measurements*—Lectures and recitations, 2 hours. Field work. *General Morphology of Plants*—Laboratory work and informal lectures, 4 hours (to count as 2 hours). *Forest Botany*—Lectures and laboratory work, 2 to 4 hours (to count as 2 hours). Excursions. *Elementary Petrology*—Lectures, 1 hour. *Zoology*—Lectures, 1 hour. *Forest Physiography and Meteorology*—Lectures, 4 hours. *State and National Forestry*—four to six special lectures. *Forest Hydrography*—four to six special lectures.

SECOND HALF SECOND TERM:—*Silviculture*—Lectures, 3 hours. Field work. *General Morphology of Plants*—Laboratory work and informal lectures, 4 hours (to count as 2 hours). *Forest Botany*—Lectures and laboratory work, 2 to 4 hours (to count as 2 hours). Excursions. *Origin and Nature of Soils*—Lectures, 1 hour. *Zoology*—Lectures, 1 hour. *Surveying and Field Engineering*—Field and class-room work, 4 to 8 hours (to count as 4 hours).

SECOND YEAR

FIRST TERM:—*Forest Management*—Lectures, 4 hours. Field work. *Forest Technology*—Lectures and laboratory work, 2 to 4 hours (to count as 2 hours). *Lumbering*—Lectures, 2 hours. *Forest Protection*—Lectures, 2 hours. *Forest History*—Lectures, 1 hour. *Jurisprudence*—Lectures, 2 hours. *Diseases of Trees*—Lectures, 2 hours.

FIRST HALF SECOND TERM:—*Forest Management*—Lectures, 4 hours. Field work. *Forest Technology*—Lectures and laboratory work, 2 to 4 hours (to count as 2 hours). *Lumbering*—Lectures, 2 hours. *Forest Protection*—Lectures, 2 hours. *Forest History*—Lectures, 1 hour. *Forest Administration*—Lectures, 1 hour. *Forest Law*—Lectures, 1 hour. *Forest Roads and Trails*—Lectures, 1 hour.

SECOND HALF SECOND TERM:—Field work in Pennsylvania, in the Adirondacks, and in the White Mountains.

DESCRIPTION OF COURSES OF INSTRUCTION

BOTANY

General Morphology of Plants.

1st year, 4 hrs. (to count as 2 hrs.)

Dr. EVANS :—

Laboratory work and informal lectures. Beginning with the simplest forms, the various groups of plants are taken up in suitable types, and their structure, development, and mode of life studied and compared.

Forest Botany. 1st year, 2 to 4 hrs. (to count as 2 hrs.)

Prof. TOUMEY :—

The identification of trees and shrubs, their distribution, habit, and uses. Herbaceous and cryptogamic plants will be briefly considered so far as a knowledge of them may prove useful in Forestry. The course will also include a study of the Anatomy and Physiology of trees.

Diseases of Trees. 2d year, 2 hrs. 1st term.

—— ——— :—

Diseases of trees induced by the condition of soil and by climate ; by natural phenomena, such as fire ; by human agency and by animals ; and diseases caused by vegetable parasites.

GEOLOGY

Mineralogy. 1st year, 4 hrs. 1st term (to count as 2 hrs.)

Prof. PENFIELD :—

The instruction in Mineralogy is carried on by means of practical work in a laboratory specially fitted up for the purpose, and is intended to familiarize the student with the common minerals, attention being devoted especially to those which are of economic, geological, or scientific importance. To understand better the Chemistry of the subject, the student is first made familiar with the simple chemical and blowpipe reactions useful in testing minerals, and applies this knowledge later to the determination of unknown species. The students have

access to a labeled collection, where they can study the properties of the minerals and make comparisons, and also to extensive unlabeled collections, arranged especially to give them practice and facility in the correct identification of minerals.

Elementary Petrology. 1st year, 1 hr. 1st half 2d term.

Prof. PIRSSON :—

A series of lectures of an elementary nature, and without the use of the microscope, on the history, origin, and classification of rocks with special reference to their geologic relations and economic properties. Illustrated by a collection.

Origin and Nature of Soils. 1st year, 1 hr. 2d half 2d term.

Prof. PIRSSON :—

The origin and nature of soils with special reference to forests. This course is designed to supplement the previous course and to complete the students' necessary knowledge of rocks and soils.

Forest Physiography and Meteorology.

1st year, 4 hrs. 1st half 2d term.

Prof. BREWER :—

General conditions necessary to forests; elementary meteorology; forests as related to temperature and its range; to rainfall and its range; to excesses of weather and climate; to the mechanical and chemical nature of soil and ground-water; to the geological character of the surface; to the relief-forms of the land; to other geographical features; the geographical distribution of forests: the aspects of forests as related to climate and topography; and the geological history of forests.

Forest Hydrography. 1st year, four to six lectures, 2d term.

Mr. F. H. NEWELL, U. S. Geological Survey :—

Flow of streams; diurnal and seasonal variations; non-periodic fluctuations; regimen of various rivers; effects of forest and cultural conditions on available flow; underground water.

LAW

Jurisprudence. 2d year, 2 hrs. 1st term.

Mr. GAGER :—

An historical and philosophical view of the Law in its great outlines, as common to all nations, and particularly as developed in the Anglo-Saxon race. The course is designed to point out also the principal rights acquired, the duty owed, and the liabilities incurred in the every-day conduct of affairs. Text-books are read in connection with the lectures, and examinations are held at stated intervals.

Forest Law. 2d year, 1 hr. 1st half 2d term.

——— ——— :—

Special consideration of the laws and decisions in the various States with reference to trespass, river driving, breach of contract, damages resulting from forest fires, etc., etc.

ZOOLOGY

Zoology. 1st year, 2 hrs. 1st term, and 1 hr. 2d term.

Prof. VERRILL :—

A general course of lectures on Systematic Zoology. This course is given to the students of Biology in the Sheffield Scientific School.

Entomology.

(See *Forest Protection*, page 318.)

ENGINEERING

Surveying and Field Engineering. 1st year, 4 to 8 hrs. (to count as 4 hrs.) 2d half 2d term.

——— ——— :—

A special course will be given, occupying two afternoons in the week, which will give the student the training in Surveying and Field Engineering necessary to a forester. Land and topographical surveys will be made, plotted, checked, traced, and blue-printed. Levels will be run and profiles drawn. Special problems likely to occur in practice will be taken up in the field and in the class-room.

Forest Roads and Trails. 2d year, 1 hr. first half 2d term.

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A course of lectures covering the principles of road construction so far as such knowledge is necessary to a forester.

TECHNICAL FORESTRY

Introduction to Forestry. 1st year, 3 hrs. 1st half-year.

Prof. TOUMEY :—

This course is designed to give a comprehensive view of Forestry with special reference to its economic aspects. It considers the purpose and scope of Forestry, its importance in national economy, the indirect influence of forests, the relation of the State to forests and Forestry, the need for Forestry and its practice in the United States. It is open to undergraduates of the University.

Silviculture. 1st year, 3 hrs.

Prof. GRAVES :—

Characteristics of forests; the forests of the world; forest regions of the United States; special consideration of trees important in Forestry; methods of conducting silvicultural studies; methods of reproducing forests; treatment of forests. Forest planting will be taught in the spring term by the Assistant Professor of Forestry. Attention will be given to the planting and care of trees in streets and parks for ornament and shade, with notes as to the relative suitability of different trees to these uses.

Forest Measurements. 1st year, 2 hrs. 1st term, and 1st half 2d term.

Prof. GRAVES :—

Methods of determining the contents of felled and standing trees and of whole stands; methods of estimating timber; use of American log scales; determination of diameter, height, and volume increment.

State and National Forestry. 1st year, four to six lectures, 2d term.

Mr. GIFFORD PINCHOT, Forester in the U. S. Department of Agriculture :—

Interest of the States and the United States in Forestry ; province of State and Federal action in forest matters ; forest reserves ; State forest officers and organizations ; Governmental Forestry abroad.

Forest Management. 1st year, 4 hrs. 1st term, and 1st half 2d term.

Prof. GRAVES :—

Forest measurements applied to the preparation of working plans ; forest valuation ; forest finance ; underlying principles and methods of preparing and carrying out forest working plans.

Forest Technology. 2d year, 2 hrs. 1st term, and 1st half 2d term.

Prof. TOUMEY : —

Study of commercial woods in relation to their uses and im portant characteristics.

Lumbering. 2d year, 2 hrs. 1st term, and 1st half 2d term.

Prof. TOUMEY :—

Methods of lumbering ; transportation of logs and lumber ; milling ; preparation of wood for market. Secondary forest products.

Forest Protection. 2d year, 2 hrs. 1st term, and 1st half 2d term.

Prof. TOUMEY :—

A consideration of trespass, fire, grazing, insects, wind, torrents, drifting sand, etc., and of practical measures to protect forests against injury from them. This course will include the study of insects affecting forest trees so far as that subject is not treated in the course in Zoology.

Forest History. 2d year, 1 hr. 1st term, and 1st half 2d term.

Prof. GRAVES:—

Rise of Forestry abroad and in the United States. Present practice of Forestry in different countries.

Forest Administration. 2d year, 1 hr. first half 2d term.

Prof. GRAVES:—

Principles underlying the establishment of a forest service. Present laws relating to the administration of forests in the United States. Rules and regulations relating to the public lands, Forest Reserves and National Parks.

FIELD WORK

Excursions and field work will form an important part of the instruction in Forestry. Several tracts of woodland have been selected at and near New Haven, where the students will be given instruction and practice in taking forest measurements, making forest descriptions, marking trees for cutting, preparing working plans on a small scale, sowing, planting, etc. Frequent excursions will be taken in connection with the course in Forest Botany to train the students in the identification of local species.

After the spring vacation in the second year, the entire work will be transferred to the field. The students will spend the first few weeks at Milford, Pa., on the estate of Mr. J. W. Pinchot. The rest of the spring will be spent in the Adirondacks and probably also in the White Mountains on tracts belonging to Mr. William Rockefeller and the International Paper Co. Practical instruction will be given during this term in various branches of forest work, including taking forest measurements, preparing working plans, marking trees for cuttings, making silvicultural studies, etc. Field work in Forest Hydrography will be given in the Adirondacks under the direction of Mr. F. H. Newell.

THE SUMMER SCHOOL OF FORESTRY

The purpose of the Summer School at Milford, Pa. is to provide instruction for those who can not attend the Forest School at New Haven, or who desire instruction of a different character. The latter is a graduate school, and the strict requirements for admission will probably exclude many who have not had the requisite training, but who may wish to take a general course in Forestry. Such students may be classified as follows:

1. Owners of woodlands.
2. Forest Rangers.
3. Teachers and others who wish to acquire a general knowledge of Forestry.
4. Students of Forestry who wish to occupy their vacation in practical forest work.
5. Students of Forestry who are deficient in certain subjects.
6. Graduate students desirous of pursuing advanced forest work.
7. Possible students of Forestry who desire to investigate the subject.

The school will be open in July, 1901. The length of the regular course will be about two months.

EXPENSES

The fee for a single session at the Summer School of Forestry will be $20. An extra fee of $15 will be charged to those occupying school camps. The cost of board for those living in camp will probably average less than $5 per week. Board and lodgings can be obtained in the village at prices ranging from $5 per week upwards.

COURSE OF INSTRUCTION

The regular course will touch, in general, the technical subjects given during the first year at the Yale Forest School. Informal lectures will be given on the nature and scope of Forestry, on Silviculture, Forest Measurements and Forest Botany. Practical instruction will be given in the woods in marking thinnings and other cuttings, in establishing plantations, taking forest measurements, and in other forest work. The professor in charge of the school will direct the studies of those who may wish to carry on special forest work.

DEPARTMENT OF THEOLOGY

(YALE DIVINITY SCHOOL)

FACULTY AND INSTRUCTORS

ARTHUR TWINING HADLEY, LL.D., PRESIDENT

REV. GEORGE PARK FISHER, D.D., LL.D., *Dean of the Faculty and Professor of Ecclesiastical History*

REV. GEORGE EDWARD DAY, D.D., *Professor of the Hebrew Language and Literature, Emeritus*

REV. LEWIS ORSMOND BRASTOW, D.D., *Professor of Practical Theology*

REV. EDWARD LEWIS CURTIS, PH.D., D.D., *Professor of the Hebrew Language and Literature*

REV. GEORGE BARKER STEVENS, PH.D., D.D., *Professor of Systematic Theology*

REV. WILLIAM FREMONT BLACKMAN, B.D., PH.D., *Professor of Christian Ethics*

REV. FRANK CHAMBERLIN PORTER, PH.D., D.D., *Professor of Biblical Theology*

REV. BENJAMIN WISNER BACON, LITT.D., D.D., *Professor of New Testament Criticism and Interpretation*

FRANK KNIGHT SANDERS, PH.D., D.D. *(Professor of Biblical Literature in Yale College), Instructor in Biblical History*

REV. WARREN JOSEPH MOULTON, B.D., PH.D., *Instructor in Biblical Literature*

SAMUEL SILAS CURRY, B.D., PH.D., *Instructor in Elocution*

JOHN PITT DEANE, B.A., B.D., *Instructor in Missions*

WILLIAM DEVERNE BEACH, B A., B.D., *Instructor in Church Music*

SPECIAL LECTURERS

REV. GEORGE ANGIER GORDON, D.D., of Boston, Mass., *Lyman Beecher Lecturer.* Subject: *Ultimate Conceptions of Faith*

REV. PROFESSOR WILLIAM NEWTON CLARKE, D.D., of Colgate University. (Subject to be announced)

PROFESSOR JOHN FRANKLIN GENUNG, PH.D., of Amherst College. (Subject to be announced)

RELATION OF THE DIVINITY SCHOOL TO THE UNIVERSITY

THE YALE DIVINITY SCHOOL is one of the coördinate Departments of Yale University. The general advantages of the University are enjoyed by all its members in common. The graduates of the Divinity School, in common with the graduates of the other Departments, are enrolled in the Triennial Catalogue, and take part in the election of the alumni members of the Corporation. They are also themselves eligible to membership in the Corporation.

CONDITIONS OF ADMISSION

The Divinity School is open, on equal terms, to students of every Christian denomination. The conditions of admission are membership in some evangelical Church, or other satisfactory evidence of Christian character, and a liberal education at some College or University, or, in exceptional cases, an equivalent preparation for theological studies. Some knowledge of the Hebrew language on the part of those entering the Junior class is desirable.

The following rules determine the admission of students to candidacy for the degree of Bachelor of Divinity :

1. Bachelors of Arts (whose course of study has included Greek) are admitted without examination as candidates for the degree of B.D.

2. Graduates holding other literary degrees than that of B.A.—such as B.S., B.L., and Ph.B.—are required to pass an examination in Greek before being admitted as candidates for the degree of B.D.

3. Other applicants for admission, whose acquirements, in the judgment of the Faculty, qualify them to pursue the course with profit, may be admitted to membership in the Institution without becoming at the outset candidates for the degree of B.D.

4. Such non-graduates as show superior scholarship in the actual work of the course may, at any time, by vote of the Faculty, become candidates for the degree of B.D.

5. Students from other Seminaries will be received to advanced standing upon the same terms as applicants for admission at the beginning of the course; but none will be received as candidates for the degree of B.D. after the opening of the first term of Senior Year.

6. Students, not candidates for the degree of B.D., who shall complete the regular course satisfactorily, will receive from the Faculty a certificate testifying to this fact.

GRADUATE (OR FOURTH YEAR) CLASS

Into this class only those who have completed a course of three years in this or some other Theological School are admitted. It is designed to meet the wants of those who desire to pursue an advanced course of general theological study, or to apply themselves to special subjects of reading or investigation in any of the departments of theology for one year or more, under the advice and direction of the Professors and with the help furnished by the Reference and University libraries. Candidates for membership in this class are admitted by vote of the Faculty.

From the connection of the Divinity School with the other Departments of the University, special advantages for the prosecution of linguistic and other studies are open to students preparing for service as foreign missionaries.

Members of the Graduate Class are required, in all ordinary cases, to take at least three of the Seminary courses specially designed for this Class (see below under Courses of Study), and are expected to continue their studies at the Divinity School during the entire year. They are furnished on vote of the Faculty with rooms on the same terms as the undergraduates and enjoy the same privileges as to instruction and the use of libraries.

Members of this Class who have a degree of B.A. equivalent to that of Yale College may be enrolled in the Graduate Department of the University and become candidates for the degree of M.A. (requiring one year of residence), or that of Ph.D. (requiring at least two years of residence). The proposed course of study must have the approval of a committee of the Academical Faculty in case of M.A., and of the Graduate Faculty in case of Ph.D.

RESIDENT LICENTIATES

The privileges of attendance at the Lectures and use of the Libraries of the Divinity School and University are granted, on application to the Faculty, to young men who have been licensed to preach and who desire to pursue studies throughout the year. A fee of ten dollars for incidental expenses will be charged in this case. Rooms will be furnished to licentiates regularly enrolled and pursuing at least three of the Divinity courses at one-half the price charged occupants who are not members of the Divinity School.

ASSIGNMENT OF ROOMS

The buildings will be accessible on Monday of the opening week, and temporary accommodations will be provided for new students whose applications have been received. The assignment of permanent rooms to new students is made on Wednesday, the day before that on which the term opens, at 2 o'clock P. M., in room B, East Divinity Hall. The rooms, to which bed-rooms are attached, are designed, for the most part, for one occupant, but a considerable number for two. They are provided with all necessary furniture, except bed-clothes, which may be brought by the occupants, or will be furnished at a moderate charge by the Janitor. Questions regarding location of rooms, disposal of baggage, furniture, and the like, should be addressed to the Janitor in charge, Mr. Ernest F. Hill, East Divinity Hall.

TERMS OF STUDY

Each year is divided into two terms of study. The first term of 1900-1901 commenced on Thursday, September 27, 1900, and will continue until December 22. The second term will commence on January 3, 1901, and will continue until May 15, when the Anniversary and the Annual Meeting of the Theological Alumni are held. Catalogues and forms of application for admission may

be obtained by addressing the Secretary of the School, Professor George B. Stevens, 388 Whitney avenue, New Haven, Conn. It is expected that every student will be present promptly at the beginning of the session.

COURSES OF STUDY

A fixed number of hours is required in each year of the course. These are divided into Prescribed and Elective courses. The required number of hours of elective work may be made up from the electives offered by the professors in the Divinity School, or from the list of University Courses. Students who maintain a good standing in required work are allowed to take from one to four hours of electives in addition to the prescribed number.

LICENSE TO PREACH

The regular time for applying for licensure is near the close of the second year, before which time the members of the Seminary are not allowed to preach, except by special permission.

DEGREES

The Degree of Bachelor of Divinity is conferred by the President and Fellows of the University on all members of the School who, having been admitted by the Faculty as candidates for this degree, satisfactorily complete the prescribed course of study and present an approved thesis on some topic of theology.

Students having completed two years of study in this School who at the close of the Middle year desire to forego candidacy for the degree of B.D. and enter the Graduate School as candidates for the degree of Ph.D. in the Department of Biblical Literature and Semitic Languages, will be enrolled as members of the Senior Class and allowed its privileges, provided they pursue the prescribed studies of that year.

GENERAL DESCRIPTION OF THE COURSES OF STUDY BY DEPARTMENTS

DEPARTMENT OF OLD TESTAMENT LITERATURE AND HISTORY

PROFESSOR CURTIS

The prescribed work in this department for the degree of B.D. consists of one hundred and forty-four hours on the Hebrew language and the Hebrew text; but by use of electives one can read critically nearly the entire Old Testament in the Hebrew, and also obtain an elementary knowledge of one or more of the cognate languages during his theological course. Students, however, who prefer a knowledge of the English text have an equal opportunity by means of electives to familiarize themselves with every part and feature of the English Old Testament. In Biblical Introduction only thirty hours of instruction are prescribed, but the courses offered, especially in the graduate department of Biblical and Semitic Literature, provide a wide range of additional instruction in this branch of study.

I. PRESCRIBED COURSES

JUNIOR YEAR

1 *Elementary Hebrew and Exegesis.*

4 hrs. throughout the year.

The elements of Hebrew are taught with the use of Harper's *Hebrew Method and Manual* and *Elements of Hebrew* as text-books. In addition to this preliminary work covering the first eight chapters of Genesis, the remainder of Genesis is read and Hebrew Syntax is taught with the use of Gesenius' *Hebrew Grammar;* sufficient attention is also paid to exegesis, to introduce the student to this science.

[Students who desire to extend this course over the Junior and Middle years may take a corresponding course of linguistic instruction, two hours a week throughout two years, given under Dr. Moulton, in the Academical Department of Yale University. Students entering with a sufficient knowledge of the Hebrew may take the second half of this course during their Junior Year, thus lessening their prescribed work from four to two hours a week throughout the year. (See below under Alternative Courses.)]

2 *Old Testament Introduction.*

1 hr. throughout the year.

This course covers the usual topics of both general and special introduction, and aims especially to give a clear understanding to the growth of modern critical opinions and of their place in religious thought. Instruction is given by means of lectures and also with the use of standard authorities.

MIDDLE YEAR

3 *Hebrew Language and Exegesis.* 2 hrs. 1st term.

This course consists of the translation and exegesis of selected Psalms by the student, the method of instruction being in general that of a *seminar*. A critical or exegetical paper is also required from each student.

II. ELECTIVE COURSES

OPEN TO ALL QUALIFIED STUDENTS

4 *Problems of Hexateuchal Criticism.* 1 hr. 2d term.

5 *The Wisdom Literature.* 1 hour, throughout the year.

A course in translation and exegesis. Portions of Proverbs. Ecclesiastes and Canticles will be the selection for 1900–1901, and the Book of Job for 1901–1902.

6 *The Book of Isaiah.* 2 hrs. 2d term.

Translation and exegesis of selected portions of Isaiah.

7 *The Prophetical Books.* 2 hrs. 2d term.

An exegesis of the Prophetical Books from the English text, familiarizing the student with the best literature upon these subjects and giving him a working knowledge of this portion of the English Bible: Minor Prophets 1900–1901, Major Prophets 1901–1902.

III. GRADUATE COURSE

8 *Old Testament History and Archaeology.*

1 hr. throughout the year.

A series of studies in history and archaeology with the view of determining the meaning and historical value of the Old Testament records.

DEPARTMENT OF NEW TESTAMENT LITERATURE AND HISTORY

PROFESSOR BACON

In this department it is assumed that the student has already mastered the elements of the Greek language and aims at expert interpretation of the Greek New Testament. The first year, accordingly, is devoted to a practical application of the principles of grammatico-historical Exegesis, first to the Pauline Epistles, afterward to the Synoptic Gospels, with lectures on the methods and apparatus of the science. The second year is devoted to Introduction or the study of the origins of the New Testament books.

By the use of the electives in the Undergraduate and Graduate Departments of the University, a thorough training may be obtained in the peculiarities of Hellenistic Greek, and on the grammatical and philological side of the subject generally. The prescribed work of the regular seminary course is mainly directed, however, toward Criticism and Exegesis, the Seminary Electives supplementing the regular course by a more extensive study of the New Testament writings, a wider outlook into their relations to contemporary Hellenistic thought and literature, and a deeper study of their origins.

I. PRESCRIBED COURSES

JUNIOR YEAR

1 *The Pauline Epistles.* 3 hrs. 1st term.

A study of the doctrine of Paul by careful exegesis of Galatians with the use of critical commentaries and comparison of Romans and First and Second Corinthians. The method is a presentation by the class of the results of exegetical study (using the commentaries of Meyer, Lightfoot, Sanday, and others), followed, chapter by chapter, by the instructor's exegetical synopsis. The chief aim is to master the greater Pauline ideas concerning the relation of Christianity to legalism, etc.

2 *The Synoptic Gospels.* 3 hrs. 2d term.

A similar exegetical study of the Gospel tradition, making Mark the basis, with comparison of Matthew and Luke. The principal aim is a consistent outline of the Life of Christ.

3. *New Testament Encyclopaedia.* 1 hr. 2d term.

A series of Lectures, taking up consecutively the methods and apparatus of New Testament Philology and Archaeology, History and Criticism of the Text, History of the Formation of the Canon, and History of the Science of Introduction, or the Higher Criticism.

MIDDLE YEAR

4 *Special Introduction to the Books of the New Testament.* 2 hrs. 2d term.

A series of Lectures on the Origin of the several New Testament books in the light of critical investigation. The object is to convey a comprehensive idea of each book in the light of its authorship, purpose and history. The student is expected to supplement the lectures by reading done in the Library. This should include some of the more important German works on Introduction, Histories of the Apostolic Age, etc.

II. ELECTIVE COURSES

OPEN TO ALL CLASSES

5 *Sight-Reading and Comment on the Greek New Testament.* 2 hrs. throughout the year.

The design of the course is to give a mastery of the Greek New Testament in all its parts, and the passages chosen are therefore, so far as possible, such as are not covered by other courses. The concomitant reading should be of a general character (Lives of Christ, Histories of New Testament Times and Literature, etc.), and the comment correspondingly concise, touching only the most salient points. Special outside work not being required, the two hours weekly of this course will count as one on the schedule.

6 *The Epistles of the Captivity.* 1 hr. 1st term.

An exegetical study of the group Ephesians, Colossians, Philemon and Philippians on the basis of Ephesians by the method outlined under course 1. The principal aim is a comprehension of the "higher Christology," Cosmology and Eschatology of Paul in their relations to the thought and speculation of his time.

OPEN TO THE MIDDLE, SENIOR AND GRADUATE CLASSES

9 *Historico-critical Analysis of the Book of Acts.*

2 hrs. 1st term.

The method used is that known as *cursorisch*, assigning sections of the book to members of the class for discussion from the standpoint of the critical historian, and treating it as the fundamental source for a critical history of the Apostolic Age. The results will be summarized by the instructor after treatment of each section by the class.

III. GRADUATE COURSE

10 *Origin of the Lucan Writings.*

1 hr. throughout the year.

A *seminar* course in textual and higher criticism.

The method is the presentation of written discussions by members of the class of successive sections of Luke and Acts, with careful scrutiny of all important variations of the Western Text and discussion of the theories of B. Weiss, Fr. Blass, R. Harris and others to account for the same. The object is to obtain familiarity with the methods of textual criticism in its present character, and an insight into the processes out of which issued the historical books of the New Testament.

DEPARTMENT OF BIBLICAL THEOLOGY

Professor Porter

In this department the religious thought and life of the Old and New Testaments are studied from the point of view and with the methods of the science of religious history. The effort is not to construct a Biblical Dogmatics, nor merely to set forth in an orderly way the thought-contents of the several books, but to understand the religious history out of which the books came, and to gain a right appreciation of its persons and events, its shaping forces and the continuity and progress of its movements. The *seminar* courses are meant to supplement the general survey in lectures by the more detailed, first-hand study of a particular doctrine, book, or period.

I. PRESCRIBED COURSES

MIDDLE YEAR

1 *Biblical Theology of the Old Testament.*

2 hrs. 2d term.

The course consists of lectures, to be supplemented by prescribed reading. The aim is to give a brief and comprehensive view of the religious thought and life of Israel in its beginnings as a nation, and in the successive stages of its religious history. Special attention is given to the individual character and historical significance of the teachings of the prophets, to the origin and growth of legalism, and to the influences, both from within and from without, which shaped the religion of post-Exilic Judaism, including its last pre-Christian stages.

SENIOR YEAR

2 *Biblical Theology of the New Testament.*

4 hrs. 1st term, 2 hrs. 2d term.

The course consists of lectures, with supplementary reading. The central aim of the course is the right understanding and estimation of the Teaching of Jesus. This is studied on the basis of a critical comparison of the Gospels, and with constant reference to its relation to the law and prophets of Israel, and to the various tendencies and problems of contemporaneous Jewish thought. The Apostolic Teaching is then studied, with the effort to define the common faith of primitive Christianity, the distinctive character and influence of the thought of Paul, and the influences and movements of the early post-apostolic age.

II. ELECTIVE COURSES

OPEN TO THE MIDDLE AND SENIOR CLASSES

3 *Biblical Doctrine of the Spirit.*

1 hr., throughout the year.

A *seminar* course for the study of the conception of the Spirit in the Old and New Testaments, with special attention to the nature of prophetic inspiration, the inter-relation of Hebrew and Greek conceptions, and the sources, character, and influence of the thought of Paul.

4 *Biblico-theological study of Hebrews, James and Revelation.* 2 hrs. throughout the year.

A *seminar* course, with special reference to the relation of the thought of these books to the teachings of Christ and Paul, and to Jewish thought. The course includes some readings, for comparison, from Jewish (Palestinian and Hellenistic) books, and from early post-canonical Christian literature.

III. GRADUATE COURSE

5 *Biblical Doctrine of Revelation.* 1½ hrs. throughout the year.

A *seminar* course for the study of the conception of Revelation in the Old and New Testaments, its forms and conditions, and the nature of its authority.

DEPARTMENT OF CHURCH HISTORY

PROFESSOR FISHER

I. PRESCRIBED COURSES

MIDDLE YEAR

1 *General Church History.* 3 hrs. 1st term, 2 hrs. 2d term.

This course embraces especially the branches of the subject which are not included under the History of Doctrine. They comprise the following topics: the Nature, Divisions, and Sources of Church History, with a review of the literature of the subject; the Old or Preparatory Dispensation in its relation to Christianity; the condition of the Graeco-Roman World at the Introduction of the Gospel; the establishment of Christianity, and the Conflicts of the Apostolic Age; the spread of Christianity, including especially the Conversion of the Roman Empire and of the Teutonic Nations; the Changes in Ecclesiastical Polity in the early centuries; the Organization of Latin Christianity under the Papacy; the relations of the Papacy and the Church to Civil Society in the Middle Ages; the Protestant Reformation, with its Causes and the Systems of Polity adopted by the different Protestant Churches; Christian Life, and its Characteristic Features in the successive eras (including the Rise and subsequent History of Monasticism); the History of Christian Worship.

SENIOR YEAR

2 *History of Christian Doctrine and Symbolical Theology.*
3 hrs., throughout the year.

The course includes an explanation of the Origin of Theology as a Science, and a Discussion of True and False Theories of the Development of Doctrine; a Survey of the Influence of Philosophy on Theology in the successive eras; a Review of Authors in the field of Theological Literature; a History of Theological Thought in the Church in relation to the several Doctrines of the Christian system, down to the present time; an account of the comparative tenets of the principal religious bodies into which Christendom is divided.

II. ELECTIVE COURSE

OPEN TO THE MIDDLE AND SENIOR CLASSES

3 *Leading types of Protestantism in England.*
1 hr. 2d term.

Protestant Episcopacy, Presbyterianism and Independency or Congregationalism: (1) In their historic relations to the English Reformation; (2) In their subsequent Ecclesiastical and Doctrinal Developments. The design of this course is to describe the steps of the organization of these forms of Protestantism in the progress of the English Reformation, and of their antagonism to one another. In connection with this topic the principal mutations that followed, in ecclesiastical polity and in theology, will be characterized.

III. GRADUATE COURSE

4 *Discussions of the Person of Christ in recent German Theology.* 1 hr. 1st term.

The design of this course is to describe the leading theories which the later German theologians have propounded relative to the nature and effect of the Incarnation and the relation of the Divine to the Human factor in the Person of the Incarnate Christ.

DEPARTMENT OF SYSTEMATIC THEOLOGY

PROFESSOR STEVENS.

The aim in this department is to set forth in outline the grounds and content of the Christian faith, and to develop in students the historical, critical, comprehensive, and constructive spirit. To this end a considerable number of treatises, representing various theological standpoints, are in each of the courses summarized and discussed, either by the instructor or by the students themselves.

I. PRESCRIBED COURSES

JUNIOR YEAR

1 *Philosophy of Religion, historically considered.*

2 hrs. 1st term.

The course consists of a study of the theories of Religion which are involved in the principal modern systems of Philosophy, together with a survey of the recent literature of the subject. The continuance of the study during the second term will be optional, as indicated below.

MIDDLE YEAR

2 *Systematic Theology.* 4 hrs. 1st term, 2 hrs. 2d term.

The course includes the investigation and discussion of such topics as the Nature and Method of Theology, the Doctrine of Sacred Scripture, the Christian Idea of God and of Man, the Nature and Consequences of Sin, the Person of Christ, the Work of the Holy Spirit, the Trinity, the Atonement, the Christian Life, the Church, and the Consummation of the Kingdom of God. Special attention is paid to current discussions and controversies in theology and to the most recent literature on the various topics which are studied.

II. ELECTIVE COURSES

OPEN TO ALL CLASSES

3 *Theism* (January and February), *and Apologetics* (March–May). 2 hrs. 2d term.

This course consists of the reading and discussion—with essays and reviews by the students—of such works as Pfleiderer's

Philosophy and Development of Religion, Martineau's *Study of Religion*, Caird's, Lotze's and Sabatier's *Philosophy of Religion*, Orr's *Christian View of God and the World*, Bruce's *Apologetics*, Stearns's *Evidence of Christian Experience*, and LeConte's *Evolution in relation to Christian Thought.*

4 *The Theology of Ritschl.* 1 hr. 2d term.

As preliminary to this course Professor Stevens will read, one hour a week during the first term, with any who have some knowledge of German, Ritschl's *Unterricht in der christlichen Religion.*

III. GRADUATE COURSE

5 *Wendt's Teaching of Jesus.* 1 hr. throughout the year.

Lectures and discussions.

DEPARTMENT OF CHRISTIAN ETHICS AND SOCIOLOGY

Professor Blackman

In this department the aim is to familiarize the mind of the student with the ethical principles and social ideals of the Old and New Testaments; with the leading systems of social philosophy; and with the more important conditions and problems of present-day American life. Three distinct lines of study are therefore pursued:

I. PRESCRIBED COURSES

JUNIOR YEAR

1 *Christian Ethics.* 2 hrs. 2d term.

This course includes a brief introduction to the history and literature of Christian Ethics; an account of its relations to philosophical Ethics, to Religion, and to Christian Theology; and a study of the *Ethos* of Israel, and of the fundamental ethical teachings of the New Testament. The development in Israel of the ideas of Theocracy, Nationality, Law, Righteousness and Sin; and of such social institutions as the Family, the State, and Private Property, is traced in outline; as is the teaching of the New Testament concerning the ethical nature and value of the Cosmos, of Human Society in its several forms, and of the Individual.

SENIOR YEAR

2 *Practical Sociology.* 2 hrs. 2d term.

This course includes the following topics: the family; the church as a social institution; anarchism, individualism, socialism, communism; the negro; the immigrant; the city; the wage and factory system; and the defective, dependent, vicious and criminal classes (charities and corrections). The lectures are supplemented by reports and book-reviews by the students. New Haven is a city of above a hundred thousand inhabitants, about half of whom are of foreign birth or parentage, and contains large manufacturing establishments, numerous missions, a social settlement, an efficient Charity Organization Society, various social organizations, and a large number of philanthropic, reformatory and penal institutions. It thus affords an excellent field for the direct investigation of social problems. During recent years members of this department have made studies of the negro, Italian and Jewish population of the city, of the moral and social condition of specified areas, and of the saloon question. A visit of two or three days to the charity and correctional institutions of New York, for which careful preparation is made in advance and which furnishes topics and illustrations for subsequent discussion in the classroom, will probably be made, as heretofore.

II. ELECTIVE COURSES

OPEN TO ALL CLASSES

3 *Social Philosophy.* 2 hrs. 1st term.

This course is given as an elective during the first half of the year, and is open to members of the Middle, Senior and Graduate classes. The principal sociological writers are classified in "schools," and their points of view and methods are compared and contrasted: a. contractual (Rousseau); b. positivist (Comte); c. evolutionary (Herbert Spencer, Drummond); d. biological (Schäffle, Worms); e. psychological (Tarde, Durkheim, Le Bon, Simmel, Giddings, Baldwin, Izoulet); f. groupwise, observational, statistical (Gumplowicz, LePlay, Quetelet). The attempt is made to show how far these writers are in harmony or otherwise with theistic and Christian principles.

4 *Ethical and Social Ideals in modern English Poetry.* 1 hr. 1st term.

III. GRADUATE COURSE

5 *The Social Teaching and Influence of Christianity.*
1 hr. throughout the year.

Selected portions of the following works are studied and discussed: Friedländer's *Sittengeschichte Roms*, Sienkiewicz's *Quo Vadis*, Mathews's *Social Teaching of Jesus*, Schmidt's *Social Results of Early Christianity*, Uhlhorn's *Conflict of Christianity with Heathenism* and *Die Christliche Liebesthätigkeit*, Nash's *Genesis of the Social Conscience*, Lecky's *History of European Morals*, Dennis's *Christian Missions and Social Progress.*

The courses in political, social, and economic science which are given in the Graduate School are also open to students of theology.

DEPARTMENT OF PRACTICAL THEOLOGY

PROFESSOR BRASTOW

It is the object of the following courses to combine in due measure the theoretical and the practical. Lectures are used rather than text-books, because there are no text-books that cover the whole field of discussion, and are preferred as a more inspiring method of transmitting knowledge. They are used only as a guide to personal investigation and as an incentive to personal initiative. It is desired that every student have adequate opportunity for personal research and for personal training within the sphere of adequate knowledge. To this end each one will have assigned to him the task of personal investigation, personal production, and the expression of personal judgment with respect to the topics discussed.

I. PRESCRIBED COURSES

JUNIOR YEAR

1 *Introduction to Practical Theology. The Pastorate. Homiletics.* 1 hr. throughout the year.

Introductory lectures on Practical Theology, including a discussion of its relation to other branches of theology, its scope,

its method, and the contributions made by the different branches of theology to each other, followed by lectures on the Christian Pastorate, including a discussion of the ministry as a divine calling, its relation to the Christian calling in general, unification of ministerial functions in the pastorate, its personal and official factors, the historic origin and development of ministerial offices; to be followed by lectures introductory to Homiletics, including a discussion of the value and method of homiletic study, the Christian conception of preaching, the general and specific aims of preaching, the cultivation of preaching gifts, the study of the topic as related to preaching, including the sketching of sermon outlines by the members of the class.

MIDDLE YEAR

2 *Structural Homiletics. Modern Preaching.*

2 hrs. throughout the year.

Lectures once a week on structural Homiletics, dealing with the sermon as an organism, to be followed by lectures on preaching and the time-spirit, including a discussion of the characteristics of the age, influence of the age on preaching, characteristics of modern preaching, to be followed by lectures upon some of the more prominent modern preachers of Germany, Great Britain and the United States. The sermons of these preachers will be analyzed by members of the class. Each member of the class will present an essay on some subject discussed in the course and will preach once before the class with reference to homiletic criticism.

SENIOR YEAR

3 *Material Homiletics. Types of Preaching.*

2 hrs. throughout the year.

Lectures twice a week on the subject-matter of preaching, including the text as related to subject-matter, the conception of preaching Christ, the use of the Old Testament in preaching, the choice of subjects for preaching, classification of types of preaching, discussion of Expository, Doctrinal, Ethical, and Evangelistic preaching, the use of the manuscript and extemporaneous and memoriter preaching. Each member of the class will present an essay on some subject discussed in the course, and each one will preach once during the year before the class

for purposes of homiletic criticism. The class also will be separated into two divisions and each member will preach once during the year before his division. Each member of the class also is expected to present to the professor a sermon for private criticism.

II. ELECTIVE COURSES

OPEN TO THE MIDDLE AND SENIOR CLASSES

4 *Christian Pedagogy. Liturgics.* 2 hrs. 1st term.

A course will be offered to the members of the Middle and Senior Classes for the year 1900–1901, on Christian Pedagogy, including a discussion of the pedagogic significance of the Church and ministry, pedagogic agencies, pastoral catechetics, catechetical material, catechetical method, modern educational theories as related to Christian pedagogy, the object of Christian education, the postulates of Christian education, development and equipment of the modern Sunday School ; to be followed by a course on Liturgics, including a discussion of worship in its expressive and impressive aspects, external conditions of worship, permanent forms of worship, liturgical acts, liturgical culture, the sacraments, church prayer meeting, burial of the dead, confirmation, the church covenant and confession. Essays will be expected from members of the class on the subjects discussed.

OPEN TO THE SENIOR CLASS

5 *Church Government, Administration and External Relations.* 2 hrs. 2d term.

A discussion of the following topics in Practical Theology: the right and the Christian conception of Church government, parochial administration, its agencies and methods, pastoral care of individuals and classes, pastoral culture, intellectual, ethical, religious and social. The missionary work of the Church, the theory and method of Church benevolence. The religious significance of the family, family religion, Christian marriage, pastoral responsibility with respect to divorce. Theories of the relations of Church and State, independence and supremacy of the Church within its sphere, pastoral leadership in education, literature and politics, the temperance reform. Essays on the subjects discussed will be expected from members of the class.

III. GRADUATE COURSE

6 *Practical Theology in the Pastoral Epistles.*

1 hr. throughout the year.

An investigation and discussion of the character of the church government presupposed in these epistles, the nature of the church offices, the pastoral duties prescribed, the errors combatted and the method of dealing with them. Essays will be expected from the members of the class upon the topics discussed.

ELOCUTION

DR. CURRY

The aim of the instruction is to furnish courses of training for the harmonious use of mind, voice and body in speaking; and such practical exercises and problems as will secure command of all the student's powers and the natural and effective use of them in preaching and all forms of vocal expression. Courses 1–3 are prescribed, but work in Elocution, Rhetorical Exercises and Mission Study is not reckoned in the number of required hours.

I. PRESCRIBED COURSES

JUNIOR YEAR

1 *Elements of Vocal Training and Vocal Expression.*

1 hr. throughout the year.

A systematic program of exercises to develop voice and breathing, for practice not only in class but in the student's own room. It is the endeavor to correct defects by the removal of their causes, and to develop by practical exercises naturalness and effectiveness in reading and speaking.

MIDDLE YEAR

2 *Speaking and Flexibility of Voice.*

1 hr. throughout the year.

Advance program of vocal exercises; the vocabulary of delivery or the elementary expressive modulations of the voice studied, and exercises and problems prescribed for their development. Practical exercises in extemporaneous speaking and reading.

SENIOR YEAR

3 *Speaking and Oratoric Action.*

1 hr. throughout the year.

Exercises to train the body as the instrument of expression; function of the members and natural language in delivery; advance steps in vocal training.

II. ELECTIVE COURSE

OPEN TO THE MIDDLE AND SENIOR CLASSES

4 *Bible and Hymn Reading.* 1 hr. throughout the year.

Principles of vocal interpretation and practice in the rendering of the Scriptures and hymns; development of the sympathetic vibrations of the voice.

Course 1 or its equivalent is required as a preparation for this course.

Work with individuals is arranged in connection with each of the courses.

EXERCISES IN PUBLIC SPEAKING

A rhetorical exercise for all the classes is held every week, in Marquand Chapel, in the presence of the Faculty, and under the direction of the Professor of Practical Theology. Once in two weeks an address is delivered, followed by criticism and discussion. Each alternate week there is an exercise, designed for the cultivation of the power of the

students in extemporaneous speaking, as well as for the discussion of subjects of practical importance.

MISSION STUDY

Mr. Deane

For several years a systematic study of Missions has been carried on among the students, and each year there have been several lectures upon missionary topics by speakers from abroad, besides a course in 1899–1900 by members of the Divinity Faculty. For 1900–1901 a more systematic arrangement has been made which will include the following courses:—

1 *Class in Mission Study.*

For about two-thirds of the year Mr. Deane will conduct a class on the *seminar* plan, taking up the study of missionary fields, workers and methods. A more exact definition of the subjects to be studied will be given at the opening of the seminary year. The Library of Foreign Missions, containing nearly 7,000 numbers (including pamphlets), affords an opportunity for research unequaled in this country. This class will be divided into sections if such division is necessary for securing the best results.

2 *Lecture Courses.*

There will also be special courses of lectures upon India and China:

Professor Edward W. Hopkins, Ph.D., Professor of Sanskrit and Comparative Philology in the University, will give a course of six lectures on the Religions of India, comprising

I. The Vedic Religion.
II. Buddhism.
III. The Upanishads (Pantheism).
IV. Vishnuism.
V. The later Vishnu and Shiva Sects.
VI. The Reform Movement.

Professor Sanders, who was for some years an instructor in Jaffna College, Ceylon, will lecture upon the History of Christian Missions in India, and Present Problems of Mission Work in India.

Professor Williams, Assistant Professor of Modern Oriental History in the University, will trace the political history of China in outline during the past three centuries, having especial reference to the factors out of which the present state of the empire has been evolved. The six lectures will comprise

I. The Manchu Conquest.
II. The Early European Adventurers.
III. The Opening of China.
IV. The Transition Period.
V. The War with Japan.
VI. Foreign Exploitation and Control.

This course will be followed by lectures upon the religions of China and Christian missions in China by Rev. Harlan P. Beach, Educational Secretary of the Student Volunteer Movement, and others.

Mr. Samuel P. Capen, President of the American Board of Commissioners for Foreign Missions, will give a lecture upon the work of the Board.

Other lectures may be announced in the course of the year.

OUTLINE OF STUDY BY CLASSES

1900–1901

JUNIOR CLASS

PRESCRIBED STUDIES, 348 HOURS.

First Term.

Elementary Hebrew	4 hrs.	a week	48	hrs.
Old Testament Introduction	1 hr.	"	12	"
New Testament Exegesis	3 hrs.	"	36	"
Philosophy of Religion	2 "	"	24	"
Practical Theology	1 hr.	"	12	"
Total	11 hrs.	"	132	"

Second Term.

Hebrew Text	4 hrs.	a week	72 hrs.
Old Testament Introduction	1 hr.	"	18 "
New Testament Exegesis	3 hrs.	"	54 "
New Testament Encyclopædia	1 hr.	"	18 "
Christian Ethics	1 "	"	18 "
Practical Theology	2 hrs.	"	36 "
Total	12 hrs.	"	216 "

ELECTIVE STUDIES, 90 HOURS.

MIDDLE CLASS

PRESCRIBED STUDIES, 300 HOURS.

First Term.

Hebrew Exegesis	2 hrs.	a week	24 hrs.
Church History	3 "	"	36 "
Systematic Theology	4 "	"	48 "
Practical Theology	2 "	"	24 "
Total	11 "	"	132 "

Second Term.

New Testament Introduction	2 hrs.	a week	36 hrs.
Biblical Theology of the O. T.	2 "	"	36 "
Church History	2 "	"	36 "
Systematic Theology	2 "	"	36 "
Practical Theology	2 "	"	36 "
Total	10 "	"	180 "

ELECTIVE STUDIES, 138 HOURS.

SENIOR CLASS

Prescribed Studies, 300 Hours.

First Term.

Biblical Theology of the N. T.	4	hrs. a	week	48	hrs.
Church History	3	"	"	36	"
Practical Theology	3	"	"	36	"
Total	10	"	"	120	"

Second Term.

Biblical Theology of the N. T.	2	hrs. a	week	36	hrs.
Church History	3	"	"	54	"
Practical Sociology	2	"	"	36	"
Practical Theology	3	"	"	54	"
Total	10	"	"	180	"

Elective Studies, 60 Hours.

ALTERNATIVE COURSES

Students who bring certification of having satisfactorily completed any of the above prescribed courses at other institutions, may substitute elective courses subject to the approval of the Faculty. The amended schedule of courses proposed should be submitted to the Faculty through the class officer as soon as possible after the opening of the term. The officer of the Junior Class is Professor Curtis; of the Middle Class, Professor Stevens; of the Senior Class, Professor Brastow; and of the Graduate Class, Professor Blackman.

DIVINITY SCHOOL ELECTIVES*

I. Open to all Classes

Both Terms.

Wisdom Literature (Heb.)	1 hr.	a week.	30 hrs.
N. T. Sight Reading	†2 hrs.	"	30 "
Total	3 "	"	60 "

First Term only.

Epistles of the Captivity	1 hr.	a week.	12 hrs.
Social Philosophy	2 hrs.	"	24 "
Social Ideals	1 hr.	"	12 "
Total	4 hrs.	"	48 "

Second Term Only.

Hexateuch Criticism	1 hr.	a week.	18 hrs.
Isaiah (Heb.)	2 hrs.	"	36 "
Prophetic Books (Engl.)	2 "	"	36 "
Theism and Apologetics	2 "	"	36 "
Theology of Ritschl	1 hr.	"	18 "
Total	8 hrs.	"	144 "

II. Open to the Middle and Senior Classes only

Both Terms.

Bibl. Doctrine of Spirit	1 hr.	a week.	30 hrs.
Theol. of Heb., Jas., Rev.	1 "	"	30 "
Total	2 "	"	60 "

* Divinity courses elected by less than five students may be withdrawn at the option of the instructor.

† Counting as one.

First Term only.

Crit. Analysis of Acts	2 hrs.	a week.	24 hrs.
Pedagogy and Liturgics	2 "	"	24 "
Total	4 "	"	48 "

Second Term only.

Types of Protestantism	1 hr.	a week.	18 hrs.
Total	1 "	"	18 "

III. Open to the Senior Class only

Second Term only.

Church Administration	2 hrs.	a week.	36 hrs.

IV. Open to the Graduate Class only

In addition to the foregoing Seminary electives open to other classes, which are also open to the Graduate Class and besides the University electives hereinafter described, the following courses are offered by the Seminary Faculty to the Graduate Class as especially adapted to advanced work. It is expected that at least three of the courses will be taken by each member of the Class.

First Term only.

1	Person of Jesus	1 hr.	12 hrs.

Both Terms.

2	Old Testament History	1 hr.	30 hrs.
3	Lucan Writings	1 "	30 "
4	Doctrine of Revelation	1½ hrs.	45 "
5	Wendt's Teaching of Jesus	1 hr.	30 "
6	Social Influence of Christianity	1 "	30 "
7	Polity of the Pastoral Epistles	1 "	30 "

UNIVERSITY ELECTIVES

Open to all Classes in the Divinity School

The Graduate Courses of Instruction in the University are open to the students of the Divinity School without charge, on conditions prescribed by the Theological Faculty. Undergraduate courses in the University are also open to students of the Divinity School with the consent of the instructor in each case and likewise under conditions prescribed by the Theological Faculty.

The courses of special interest and value for students of theology are those in the departments of Semitic languages and Biblical literature, Philosophy, Economics, History and English literature.

LIBRARIES

The Reference Library of the Divinity School, established by the late Henry Trowbridge, Esq., of New Haven, and placed in the Leonard Bacon Memorial Hall, is open for consultation throughout the day and evening. It contains more than 3,600 carefully selected volumes, in every department of theological literature, and additions are constantly made. It is designed to take the place, for each student, of a large and well selected private library.

The valuable Library of Church Music belonging to the late Dr. Lowell Mason was given to the Seminary by his family. This library, which is one of the largest of its kind in the country, is placed in West Divinity Hall.

The Historical Library of Foreign Missions, designed to furnish the latest and fullest Missionary intelligence and also the means for the most thorough historical research, numbers nearly 7,000 volumes, including pamphlets of one hundred pages and under. It is now an almost complete collection of the entire body of the Foreign Mission Literature of Europe and America, and with this comprehensive character has become one of the two largest

special libraries of the kind in the world, the other being located in Denmark. Its five printed catalogues, issued at intervals from 1892 to 1899, have been placed by request in the libraries of the principal Universities, Colleges and Theological Schools in the United States and may there be consulted.

The total number of volumes in the UNIVERSITY LIBRARY and other libraries, which are open to students, is about 310,000.

SUBSIDIARY MEANS OF INSTRUCTION

PUBLIC LECTURES

AMERICAN LECTURES ON THE HISTORY OF RELIGIONS

Yale University is now a member of the Association of various institutions for the establishment of popular courses, of six or eight lectures each, in the History of Religions, somewhat after the style of the Hibbert lectures in England, to be delivered annually in various cities by the best scholars of Europe and this country.

During the year 1900–1901 the well known Egyptologist, Edouard Naville, of Geneva, will lecture on the Religion of Ancient Egypt.

For other UNIVERSITY LECTURES see Part V of this Catalogue.

CLUBS

A number of voluntary associations of instructors and students exist in the University, whose meetings for the reading and discussion of papers are open to all students. Membership in these clubs is open to those who are qualified. Of special interest to divinity students are the SEMITIC AND BIBLICAL CLUB and the PHILOSOPHICAL CLUB.

The SEMITIC AND BIBLICAL CLUB is composed of instructors and students in the Divinity School and in the Department of Biblical Literature in the University. It meets every two weeks for the reading and discussion of papers by professors and students.

LEONARD BACON DEBATING CLUB

This club is designed to promote interest in important public questions and the effective discussion of them. All members of the Divinity School who are interested in public debate are eligible to membership. The club meets once a week ; every alternate week the debate is held in Marquand Chapel and is public. Occasional addresses are given before the club by prominent men on subjects germane to its purpose.

SACRED MUSIC AND LITURGICS

During the Fall term a class will meet, one hour a week, for sight reading and singing, the aim being to enable those men, who know little or nothing about music, to read and sing ordinary music at sight, the music advancing in difficulty with the ability of the men. It is hoped that a glee club may be organized during the second term.

In addition, a course of one hour a week will be offered during the second term in the History of Church Music and Hymnology.

The courses of instruction in the Department of Music in the University are open to Divinity students on the conditions stated in the University Catalogue. These courses, under Professors Parker and Sanford, include Harmony, Counterpoint, History of Music, Composition, and Instrumentation.

PUBLIC WORSHIP

There is daily morning worship in MARQUAND CHAPEL. Students attend worship on the Lord's day in the BATTELL CHAPEL (see under Part IV of this Catalogue), where many of the most distinguished preachers may be heard, or in any of the City Churches.

Prayer meetings of the different classes and a general prayer meeting of the Seminary are held on alternate weeks in the lecture-rooms.

YOUNG MEN'S CHRISTIAN ASSOCIATION

The YOUNG MEN'S CHRISTIAN ASSOCIATION of the Seminary has for its object to deepen the spiritual life of students, to increase their interest in missions, and to bring them into fellowship with similar associations throughout the world. Occasional addresses are given by persons especially engaged in, and familiar with, missionary work.

SOCIAL LIFE

The Lowell Mason Library Room, in West Divinity Hall, is furnished as a Social Room, and serves as a center for the common life of the students. It contains magazines and daily papers, a piano and other means of recreation.

PHYSICAL EXERCISE

Within the Seminary enclosure are tennis courts carefully graded and well maintained, with reasonable space for other out-of-door recreation. For Gymnasium facilities see under Part IV of this Catalogue.

ROOMS AND EXPENSES

The Buildings of the Divinity School are East and West Divinity Halls, which contain furnished rooms for students, Marquand Chapel, and the Leonard Bacon Memorial Hall, containing the Trowbridge Reference Library.

The expenses of each student for the annual session of thirty-four weeks are $15 for care of room and other incidentals; and $25 to $30 for fuel and lights, or one-half of this sum in case two students occupy the same room. No charge is made for instruction and no further charge for rooms, or the use of libraries.

The expenses for board are from $3 to $4 a week, at which prices most of the students have obtained good board during the past year.

During the Senior year a portion of the students receive remuneration for preaching in places easily accessible. There are also limited opportunities for securing employment as private tutors and in other occupations.

PECUNIARY AID

A large number of students preparing for the ministry, in consequence of their limited means, need pecuniary aid. In this class are many college graduates who have made their way through the preparatory school and the college largely by their own exertions. It is expected, however, that theological students will depend, as far as possible, for their support upon their parents and friends and upon their own personal efforts. At the same time, where labor for self-support endangers health or distracts attention to the detriment of progress in study, students are advised to apply for aid from the funds which have been contributed by benefactors to the Divinity School for this purpose.

In general, it may be said that the aid, auxiliary to reasonable efforts on his own part, which is available for every young man in the Divinity School, of any evangelical denomination, who gives distinct promise of usefulness in the ministry, is sufficient to enable him to prosecute to the end a course of theological study.

The sources of pecuniary aid for students are the following :

1. *Scholarships established for the benefit of members of the undergraduate classes.*

Students of the Junior, Middle, and Senior Classes, whose circumstances require it, who maintain a creditable standing in the studies of the course and commend themselves in other respects to the approval of the Faculty, receive $100 a year in semi-annual payments (in December and May), from the income of these Scholarships. Blanks stating the testimonials required in the first instance may

be obtained by applicants from the Secretary of the Divinity School.

But to those to whom this appropriation is made the Faculty proposes to assign some equivalent service—consulting, as far as may be, the preference of the student as to its special form—in connection with city missions in New Haven, in religious instruction and pastoral visits, in the hospitals of the city, in teaching in Bible classes in the Churches, in rendering assistance in the Reference Library, and in other employments suitable to theological students and helpful in their training for the ministry.

The appropriation will thus be a proper recompense for service rendered. Care will be taken to prevent work of this nature from interfering with the time demanded for study and needful recreation.

Should there be, in the judgment of the Faculty, on the part of any a deterioration in scholarship or in other qualities conducive to success in the calling of a minister, the appropriations referred to may be discontinued at the end of any half-year.

Meritorious students who need pecuniary aid, but are deterred for good reasons from making return through services of the kind referred to, may receive it in the form of a loan for a term of years at a nominal rate of interest, and payable in installments. In cases of unusual hardship or scanty support subsequently in the work of the ministry, or for other reasons of equal weight, the obligation may be cancelled by vote of the Faculty.

2. *Prize Scholarships.*

A limited number of prize Scholarships of $100 and $50 each, the former known as the FOGG and the latter as the ALLIS SCHOLARSHIPS, are awarded on the basis of high scholarship, in semi-annual installments, to members of the several classes. Candidates for the Fogg prize Scholarships of the Junior year are required to pass an examination in Greek, Philosophy, and English Literature

(in addition Hebrew, History and Economics may also be offered), on entering the Divinity School, or as may be otherwise arranged with the Secretary. The first half of the Fogg Scholarship will be awarded on the basis of this examination. Testimonials and other evidence of previous scholarship will have weight in determining the award. The grade of scholarship required is that of the Phi Beta Kappa or Philosophical Oration at Yale, which is attained by from eight to ten per cent. of the graduates. The maintenance of the same grade is necessary in order to retain these Scholarships during the remainder of the course. A corresponding entrance examination in theological studies equivalent to those of the first or second year is required of candidates for these Scholarships who enter the Middle or Senior class as new students.

The Allis Scholarships of $50 each stand in the relation of second prizes to the Fogg Scholarships, but may be awarded at the end of each half-year without entrance examination.

Young men of superior ability and attainments, whose circumstances require it, may thus, through the general and prize Scholarships, receive two hundred dollars a year throughout their Seminary course.

Honorary rank is in all cases given to students who are equal in merit to the holders of the Fogg and Allis Scholarships, but whose circumstances are such that they do not require pecuniary assistance.

3. *Aid from the Education Society.*

Additional aid to the amount of fifty dollars annually is furnished by the Congregational Education Society, to students who are members of Congregational Churches. This aid is conditioned upon good scholarship and high general merit and requires an examination and certificate by a local committee of the Society.

4. *Premiums.* (See also Part V.)

The DOWNES PRIZES, founded in 1896 by William E. Downes, Esq., of New Haven, will be awarded to the students of the Senior and Middle classes who shall attain to the highest proficiency in the public reading of the Scriptures and of Hymns.

A first prize of fifty dollars and a second prize of forty dollars will be assigned by a committee appointed by the Faculty to the two successful competitors in each of these classes.

The JOHN A. PORTER UNIVERSITY PRIZE, of the value of $250, is offered for the best English Essay on a prescribed subject. Any student who has been pursuing a regular course for a degree in any Department of the University during the whole of the current year, may compete for this prize.

5. *Graduate Fellowships.*

A GRADUATE FELLOWSHIP was established in 1876, as a memorial of the late Mrs. Aurelia D. Hooker, of New Haven. It is assigned at graduation to that member of the class to which it is offered who, having been connected with the School during, at least, two years of the course and being of approved Christian character, has, in the judgment of the Faculty, acquired such proficiency in theological studies as best to qualify him for the advantages offered by this foundation for the further prosecution of the same. The person to whom the scholarship is given receives the annual income ($600) for two years after graduation, and is expected to pursue a course of theological study under the direction of the Faculty, either as a resident at the School, or, in case he may prefer to do so, in Europe or Palestine. The HOOKER FELLOWSHIP was offered to the class which entered the Divinity School in September, 1900.

A SIMILAR GRADUATE FELLOWSHIP yielding $500, which has been established as a memorial of the late Mrs. Susan

B. Dwight of New Haven, and which affords to the student who receives it the same privileges for one year after graduation, was offered on the same conditions to the class which entered the School in September, 1899, and will be offered to the class which enters in September, 1901.

6. *Graduate Scholarships.*

Scholarship aid for the pursuit of fourth year studies in the Graduate class will, at the discretion of the Faculty, be offered to such members of the Senior class of this School, and to such graduates of other theological Schools as shall, in the judgment of the Faculty, give promise of special success in advanced theological study.

DEPARTMENT OF MEDICINE
(YALE MEDICAL SCHOOL)

FACULTY

ARTHUR TWINING HADLEY, LL.D., PRESIDENT

HERBERT EUGENE SMITH, M.D., *Dean of the Medical School, and Professor of Chemistry*

CHARLES AUGUSTUS LINDSLEY, M.D., *Professor of the Theory and Practice of Medicine, Emeritus, and Lecturer on Sanitary Science*

WILLIAM HENRY CARMALT, M.D., *Professor of the Principles and Practice of Surgery*

THOMAS HUBBARD RUSSELL, M.D., *Professor of Clinical Surgery, and Lecturer on Surgical Anatomy*

RUSSELL HENRY CHITTENDEN, PH.D., *Professor of Physiology*

JOHN SLADE ELY, M.D., *Professor of the Theory and Practice of Medicine*

OLIVER THOMAS OSBORNE, M.D., *Professor of Materia Medica and Therapeutics*

HENRY LAWRENCE SWAIN, M.D., *Clinical Professor of Diseases of the Throat and Ear*

HARRY BURR FERRIS, M.D., *Professor of Anatomy*

OTTO GUSTAF RAMSAY, M.D., *Professor of Obstetrics and Gynecology*

CHARLES JOSEPH BARTLETT, M.D., *Professor of Pathology*

FRANCIS BACON, M.D., *Lecturer on Medical Jurisprudence*

SAMUEL BENEDICT ST. JOHN, M.D., *Lecturer on Ophthalmology*

GEORGE RUBENS SHEPHERD, M.D., *Lecturer on Life Insurance Examinations*

MAX MAILHOUSE, M.D., *Clinical Lecturer on Neurology*

ARTHUR NATHANIEL ALLING, M.D., *Instructor in Ophthalmology*

LOUIS BENNETT BISHOP, M.D., *Instructor in Pediatrics*

LEONARD WOOLSEY BACON, JR., M.D., *Instructor in Operative Surgery*
CHARLES DICKINSON PHELPS, M.D., *Instructor in Physical Diagnosis*
FREDERICK STEARNS HOLLIS, PH.D., *Instructor in Chemistry*
RALPH AUGUSTINE MCDONNELL, M.D., *Instructor in Dermatology and Materia Medica*
ROBERT ELLSWORTH PECK, M.D., *Instructor in Neurology*
WARREN ALPHONSO SPALDING, *Demonstrator of Pharmacy*
ERNST HERMAN ARNOLD, M.D., *Instructor in Orthopaedic Surgery*
ALLEN ROSS DEFENDORF, M.D., *Lecturer on Insanity*
YANDELL HENDERSON, PH.D., *Instructor in Physiology*
CLIFFORD WALCOTT KELLOGG, M.D., *Instructor in Histology*

EDWARD MICHAEL MCCABE, M.D., *Clinical Assistant in Ophthalmology*
RALPH SCHUYLER GOODWIN, JR., M.D., *Clinical Assistant in Pediatrics*
WILLIAM MATTHEW KENNA, M.D., *Assistant in Neurology*
LEONARD CUTLER SANFORD, M.D., *Assistant in the Surgical Clinic*
FREDERICK COURTNEY BISHOP, M.D., *Assistant in the Throat and Ear Clinic*
DONALD ROSE HINCKLEY, M.D., *Assistant in Physical Diagnosis*
WILLIAM JOSEPH SHEEHAN, M.D., *Assistant in the Surgical Clinic*
SAMUEL MOWBRAY HAMMOND, M.D., *First Assistant in the Therapeutic Clinic, and Assistant Demonstrator of Anatomy*
ALFRED GOLDSTEIN NADLER, M.D., *Assistant in Pathology*
FREDERICK NOYES SPERRY, M.D., *Assistant in the Throat and Ear Clinic, and Assistant Demonstrator of Anatomy*
WILLIAM FRANCIS VERDI, M.D., *Assistant in the Surgical Clinic*
HARRY LITTLE WELCH, M.D., *Assistant Demonstrator of Anatomy*
IRWIN GRANNISS, M.D., *Assistant Demonstrator of Anatomy*
CLARENCE LEISHMAN KILBOURN, M.D., *Second Assistant in the Therapeutic Clinic, and Assistant in Histology*
PERCY DUNCAN LITTLEJOHN, M.D., *Assistant in the Medical Clinic*
EDWARD FRANCIS MCINTOSH, M.D., *Assistant in the Medical Clinic*

In the fall of 1810 a charter was granted to the President and Fellows of Yale College and the President and Fellows of the Connecticut Medical Society, authorizing them to unite according to the terms of certain "Articles of Union," before agreed upon, for the establishment of a medical seminary, to be styled the Medical Institution of Yale College. Two years later the School was organized, and in the fall of 1813 instruction was begun. The professors of the Faculty were appointed by the College Corporation from nominations by the Medical Society. Degrees were conferred by the College on the recommendation of the board of examiners, consisting of the members of the Faculty and an equal number appointed by the Medical Society. This dual government continued until 1884, when by an amicable arrangement with the Medical Society, the College authorities assumed entire control of the School.

The Medical School now constitutes the Medical Department of the University, and is governed by the Professors of the Faculty of Medicine under the authority of the President and Fellows of the University.

In the early years the instruction consisted of didactic and clinical lectures and dissections during a short winter course. As time passed changes in the relations between practitioners and students of medicine, and even greater changes in medicine itself, demanded a different kind of instruction, and even before 1879 the curriculum and the required period of instruction had been much altered, but in this year a stricter entrance examination was imposed, and there was adopted a graded course extending over three years of eight months each, and including considerable laboratory instruction.

In 1896 the extension of the course of study to four years permitted the more complete and satisfactory grading of the studies which is presented in the curriculum now in force.

EQUIPMENT

The instruction is carried on in the several buildings belonging to the School or associated with it.

MEDICAL HALL contains two lecture rooms, and laboratories of anatomy, histology, pathology, and bacteriology. The lecture-rooms are provided with modern electric projection lanterns, and are otherwise well equipped for the illustration of the recitations and lectures held in them.

The LABORATORY BUILDING has recently been constructed and contains the lecture-rooms and laboratories of physiology and chemistry.

The NEW HAVEN DISPENSARY is located on the grounds of the School and furnishes ample clinical facilities. It has a staff of thirty physicians, consisting of the chiefs of the various clinics and their assistants. The service consists of about 17,000 consultations annually, and is divided among the following clinics: Internal medicine; surgery, including genito-urinary and orthopaedic surgery; ophthalmology; otology, laryngology and rhinology; neurology; gynecology and obstetrics; pediatrics, and dermatology. Besides the general clinics which are held in all of these departments, the Dispensary furnishes abundant material for the classes in physical diagnosis, and numerous courses of demonstrations to small groups of students. The Seniors participate in the regular work of all the clinics, to which they are appointed as assistants in rotation. In the Dispensary building are provided dormitory facilities for the students who are appointed to the obstetrical service.

The NEW HAVEN HOSPITAL is situated but a short distance from the school buildings. It has about 150 beds, and, being the general hospital in a large manufacturing city, which is also a considerable railroad center, presents an active service. The Farnam Operating Theatre is thoroughly equipped with every requisite and convenience for surgical work. The arrangements are planned with special reference to making the operations available for purposes of instruction to students.

The five resident physicians are appointed according to the results of examinations by the medical staff. Besides these appointments similar ones in the other cities of this state and in neighboring states are open to graduates of this School, a large majority of whom secure such hospital appointments.

The SPRINGSIDE HOSPITAL is connected with the City Almshouse, and affords valuable opportunity for clinical demonstrations.

The STATE HOSPITAL FOR THE INSANE, situated at Middletown, Conn., contains about 1800 patients who illustrate abundantly all forms of insanity. By a recent arrangement the instruction in insanity will be combined with clinics at this hospital.

The LIBRARIES—The University Library contains over 265,000 volumes and includes the Medical Library. Medical students have the same privileges of consulting and drawing books as students in the other departments of the University. A small circulating library of recent medical books is maintained in the alumni room in Medical Hall by the editors of the Yale Medical Journal.

The GYMNASIUM—The privileges of the University Gymnasium can be had on payment of the fee of $5 annually.

REQUIREMENTS FOR MATRICULATION

SESSION OF 1901–2

Candidates for admission to the First year of the course leading to the degree of Doctor of Medicine must present satisfactory testimonials of moral character from former instructors or physicians in good standing, and must pass the matriculation examinations as given below. But these examinations are not required from candidates who have received degrees in Arts or Science; nor from those presenting certificates from the proper officer showing that they have successfully prosecuted the subjects of the examinations at some college, high school, academy, or

preparatory school, approved by the Faculty as maintaining a satisfactory standard; nor from those who have passed matriculation examinations, equivalent to those required here, at some approved professional school.

THE MATRICULATION EXAMINATIONS

The subjects of these examinations are as follows:

1. ENGLISH:

(*a*) The principles of Rhetoric. A suitable preparation for this examination may be obtained from *The Foundations of Rhetoric*, by A. S. Hill.

(*b*) A short exercise in writing from dictation.

2. LATIN: An amount equal to one year of study as indicated in Harkness's *Easy Latin Method.*

3. MATHEMATICS: The *Metric System* of weights and measures. *Algebra* as far as Quadratics.

4. PHYSICS: Gage's *Elements of Physics*, or some equivalent work.

REQUIREMENTS FOR MATRICULATION

SESSION OF 1902-3

Candidates for admission to the First year of the course leading to the degree of Doctor of Medicine must present satisfactory testimonials of moral character from former instructors or physicians in good standing, and must qualify in the educational requirements.

Candidates who have received a degree in Arts or Science are admitted on presentation of their diplomas.

Candidates who are graduates of approved high schools, academies and preparatory schools, and those who have been admitted to approved colleges, are admitted on certificates, blank forms for which may be obtained from the Dean. The certificates must cover the required subjects, Nos. 1, 2, 4, 27 and 31, of the list of subjects of examination given below and amounting to 5½ units, and also a sufficient number of electives to amount to a total of 15 units.

All other candidates must pass satisfactory examinations in the required subjects, Nos. 1, 2, 4, 27 and 31, and must also qualify by examination, or by approved certificates, in a sufficient number of electives to amount to a total of 15 units.

SUBJECTS OF EXAMINATION

NOTE—The subjects marked * are designated as *required subjects* and the others as *electives*. Each unit is intended to represent about 150 hours of class work.

ENGLISH.

*1. The principles of Rhetoric: To the extent given in Hill's *Foundations of Rhetoric*, ... 1 unit

*2. Readings: A good knowledge of the lives of the authors, the subject matter, form and construction is required. The examination for the session 1902 and '03 will be on the following works: Shakespeare's *Macbeth;* Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso;* Burke's *Speech on Conciliation with America;* Macaulay's *Essays on Milton and Addison* 1 unit

NOTE.—Equivalent readings may be offered by the candidate.

3. History of English Literature, ... 1 unit

LATIN.

*4. Latin Grammar and simple translations, . . 1 unit

5. Caesar, books I–IV, ... 1 unit

6. Vergil's Aeneid, books I–VI, ... 1 unit

7. " Eclogues, ... ½ unit

8. Ovid—Metamorphoses 1500 lines, . . . ½ unit

9. Cicero—The four orations against Cataline and for Archias and the *Manilian Law*, ... 1 unit

10. Prose Composition, ... ½ unit

GREEK.

11. Greek grammar and simple translations, . . 1 unit

12. Xenophon—Anabasis, books I–IV, . . . 1 unit

13. Homer—Iliad, books I–III, ... 1 unit

14. Prose Composition, ... ½ unit

HISTORY.

15. Greek history to the death of Alexander the Great, . ½ unit

16. Roman history to the death of Augustus, . . ½ unit

17. English history, ... ½ unit

18. United States history, ... 1 unit

19. General history, ... 1 unit

MODERN LANGUAGES.

20.	French grammar and simple translations,	1 unit
21.	Sight translation of easy French prose,	1 unit
23.	Sight translation of advanced French,	1 unit
24.	German grammar and simple translations,	1 unit
25.	Sight translation of easy German prose,	1 unit
26.	Sight translation of advanced German,	1 unit

MATHEMATICS.

*27.	Algebra and the Metric System of Weights and Measures,	1½ units
28.	Plane Geometry,	1 unit
29.	Solid Geometry,	1 unit
30.	Plane Trigonometry and Logarithms,	½ unit

SCIENCES.

*31.	Physics,	1 unit
32.	Chemistry,	1 unit
33.	Botany,	1 unit
34.	Zoology,	1 unit
35.	General Biology,	1 unit
36.	Astronomy,	½ unit
37.	Geology,	½ unit
38.	Physical Geography,	½ unit
39.	Physiology,	½ unit

The matriculation examinations are held at the Medical School, beginning at 9 A. M., on the Thursday following Commencement, and on the Wednesday preceding the opening of the first term; also, for those conditioned in previous examinations, on the Tuesday preceding the opening of the second term in January.

Candidates may also be examined in June in some thirty other places where examinations are regularly held for admission to other departments of the University, on the Thursday following Commencement. Information concerning the time and place of these examinations may be ascertained by applying to the Dean three weeks in advance. A fee of five dollars is charged for admission to examinations held out of New Haven.

ADMISSION TO ADVANCED STANDING

Students who have studied one year in some other recognized institution may be admitted to the Second-year class, and those who have studied two years may be admitted to the Junior class, but students are not received from other schools into the Senior class. Students applying for advanced standing must have pursued studies reasonably equivalent to those already pursued by the class to which they seek admission, and must pass the examinations of the First year, for admission to the Second-year class, and of the First and Second years for admission to the Junior class. These examinations may be taken in June with the class by applying to the Dean at least four weeks before Commencement, or they may be taken at the time of the autumn examinations, just before the beginning of the School year in October. Graduates in Arts, Philosophy, or Science, who have pursued studies in chemistry, physiology, anatomy, and histology during their undergraduate courses may be admitted to the Second-year class, with certain conditions.

TERMS AND VACATIONS

The annual sessions of the School are divided into three terms, covering thirty-four weeks, exclusive of a vacation at Christmas and a recess of one week at Easter.

The first term begins with the first Thursday in October, and continues eleven weeks. The second term begins on the Wednesday after the first Thursday in January, and continues twelve weeks. The third term is eleven weeks in length, ending with Commencement. (See Calendar.)

METHODS OF INSTRUCTION

The instruction in this School is conducted by recitations and lectures in the class-room, and by practical work in the laboratories and clinics.

The class-room work of the first and second years is chiefly by recitations from assigned readings, with which

are combined frequent demonstrations and explanatory lectures. In the third and fourth years, lectures are more employed, but they are still based for the most part on assigned readings in text-books.

The curriculum of the first two years contains a very large proportion of laboratory work which extends to the third and fourth years, but is largely replaced in the latter period by personal clinical work. The laboratories are thoroughly equipped for systematic and accurate work, and such work is exacted from the student. In the clinical instruction less dependence is placed upon formal clinical lectures, and more upon personal instruction to small classes, and to individual students.

Advancement from one class to the next depends not only on the results of examinations but also on the records of the student's daily work.

THE CURRICULUM

The curriculum of this School is graded to furnish in four years a systematic presentation of the various subjects of medical study. When a subject is pursued two years the course is a progressive one, in which the work of the second year is not a repetition of that of the first.

The arrangement of the curriculum is such that the student spends the first and second years on the fundamental branches, chemistry, physiology, anatomy, histology, pathology, and materia medica.

The third year he devotes chiefly to a systematic study of medicine, surgery, obstetrics, and pharmacology.

In the first part of the Senior year he continues the study of medicine and surgery and has a systematic presentation of the chief specialties in a series of recitations and lectures, combined with general clinics on these topics. The second and third terms of this year are spent largely in clinical work.

SYNOPSIS OF THE CURRICULUM

N. B. The number of hours are hours per week.

FIRST YEAR

ANATOMY — *Recitations, lectures, and demonstrations*, Osteology, Arthrology, Myology, 3 hours throughout the year, Prof. Ferris. *Laboratory, Dissections*, 15 hours second term, Prof. Ferris and Assistant Demonstrators.

HISTOLOGY — *Recitations and illustrated lectures*, 1 hour first and second term, Prof. Ferris. *Laboratory*, Microscopical technique and histology of normal tissues, 4 hours first and second terms, Prof. Ferris, Dr. Kellogg and Dr. Kilbourn.

EMBRYOLOGY — *Recitations and lectures*, 2 hours third term, Prof. Ferris. *Laboratory*, Embryology of the chick, 4 hours third term, Prof. Ferris, Dr. Kellogg and Dr. Kilbourn.

PHYSIOLOGY—*Recitations and experimental demonstrations*, An elementary course, 2 hours throughout the year, Dr. Henderson.

GENERAL CHEMISTRY—*Recitations and experimental demonstrations.* The elements and their compounds, 4 hours first term, Prof. Smith. *Analytical Chemistry, Class-room*, 1 hour first term, Dr. Hollis. *Laboratory*, 12 hours first term, 6 hours half of second term, Prof. Smith and Dr. Hollis. *Organic Chemistry, Recitations*, Constitution and properties of organic compounds, 2 hours second and third terms, Prof. Smith.

PHYSIOLOGICAL CHEMISTRY—*Recitations and Lectures*, The proximate principles, tissues and secretions, 2 hours second and third terms, Prof. Smith. *Laboratory*, 6 hours second term, 9 hours third term, Prof. Smith and Dr. Hollis.

ANNUAL EXAMINATIONS—(1) General Chemistry, including a laboratory examination at the end of first term. (2) Physiological Chemistry. (3) Histology and Embryology. (4) Anatomy. (5) Physiology.

SECOND YEAR

ANATOMY—Continued. *Recitations and Demonstrations*, Angiology, Neurology, Splanchnology, Topographical Anatomy, 3 hours throughout the year, Prof. Ferris. *Laboratory, Dissections*, 15 hours first or second term, Prof. Ferris, and Assistant Demonstrators.

PHYSIOLOGY—Finished. *Lectures and recitations*, 3 hours first term, Prof. Chittenden ; 3 hours second and third terms, Prof. Chittenden and Dr. Henderson. *Experimental demonstrations*, 2 hours throughout the year, Dr. Henderson.

MATERIA MEDICA—*Pharmacy Laboratory*, Compounding official preparations and prescriptions, 4 hours first term, Mr. Spalding and Dr. McDonnell. *Demonstrations and recitations*, Classification of drugs, therapeutic appliances, prescription writing, 2 hours second term, Dr. McDonnell.

PHARMACOLOGY—*Recitations and lectures*, action of drugs, 2 hours third term, Dr. McDonnell.

PATHOLOGY—*Recitations and demonstrations*, General and special Pathology, 1 hour first term, 2 hours second and third terms, Prof. Bartlett. *Microscopical Laboratory*, Histology of morbid tissues, 2 hours first term, 6 hours second and third terms, Prof. Bartlett and Dr. Nadler. *Bacteriological Laboratory*, Technique, preparation of media and pure cultures, staining bacteria, 6 hours first term, Prof. Bartlett.

MEDICINE—*Lectures*, Symptomatology, 2 hours third term, Prof. Ely.

EXAMINATIONS—(1) Anatomy. (2) Physiology. (3) Materia Medica. (4) Pathology.

JUNIOR YEAR

PHARMACOLOGY—Finished. *Recitations and lectures*, Action and application of drugs, 2 hours first and second terms, Prof. Osborne. *Lectures*, Physical therapy, climatology, dietetics, 2 hours third term, Prof. Osborne.

PATHOLOGY—*Laboratory*, Study of special topics and autopsies, 2 hours throughout the year, Prof. Bartlett and Dr. Nadler.

MEDICINE—*Recitations and lectures*, 4 hours throughout the year, Prof. Ely. *Clinics*, general medical, 3 hours, New Haven Hospital, Prof. Ely; 1 hour, Dispensary, Dr. Phelps. *Physical Diagnosis*, Systematic practical study of physical signs and methods of examination, 2 hours half year, in sections, Dr. Phelps.

SURGERY—*Lectures*, General surgery, 2 hours throughout the year, Prof. Carmalt. *Bandaging*. *Practical work* in sections, 1 hour second term, Dr. Leonard Bacon. *Surgical Anatomy*. *Lectures*, 1 hour second term, Prof. Russell. *Clinics*, General surgical, 2 hours throughout the year at the Dispensary, Prof. Carmalt; 3 hours throughout the year at the New Haven Hospital, Prof. Carmalt and Prof. Russell.

OTOLOGY—*Lectures*, 1 hour second term, Prof. Swain.

OBSTETRICS—*Recitations and lectures*, 2 hours throughout the year, Prof. Ramsay. *Demonstrations* with the manikin, mechanism of labor, 1 hour third term, Prof. Ramsay.

GYNECOLOGY—*Recitations*, 2 hours second term, Prof. Ramsay.

ANNUAL EXAMINATIONS—(1) Pharmacology. (2) Pathology. (3) Obstetrics and Gynecology. (4) Medicine. (5) Surgery.

SENIOR YEAR

THERAPEUTICS—*Recitations and Lectures*, 1 hour throughout the year, Prof. Osborne. *Therapeutic Clinics*, Applied therapeutics, 1 hour throughout the year, Prof. Osborne.

OBSTETRICS—*Demonstrations* with the manikin and obstetric surgery, in sections, one term. *Midwifery Clinic*, *Demonstrations* and *section work*, with reports of cases attended by students, Prof. Ramsay.

GYNECOLOGY—*Clinics*. *Lectures*, *Section work*, Diagnosis and treatment, second and third terms.

SURGERY—*Lectures*, special topics, 1 hour second and third terms, Prof. Carmalt. *Dispensary Clinics*, General surgical, 2 hours throughout the year, Prof. Carmalt. *Section work* with reports of cases, 6 hours one term, Prof. Carmalt. *Hospital Clinics*, *Ward Classes and Operations*, 3 hours throughout the year, Prof. Carmalt and Prof. Russell.

OPERATIVE SURGERY—*Recitations*, 2 hours first term, Dr. Leonard Bacon. *Section work*, Operations on the cadaver, second term, Dr. Leonard Bacon.

GENITO-URINARY SURGERY—*Recitations and lectures*, 1 hour first term, Prof. Russell.

ORTHOPAEDIC SURGERY—*Lectures*, 1 hour first term, Dr. Arnold. *Clinics and section work*, 1 hour second and third terms, Dr. Arnold.

OPHTHALMOLOGY—*Lectures*, 1 hour first term, Dr. St. John. *Clinics*, 1 hour second and third terms, with *section work* throughout the year, Dr. Alling.

LARYNGOLOGY AND RHINOLOGY—*Lectures*, 2 hours first term, Prof. Swain. *Clinics*, 1 hour second and third terms. *Section work* and *manikin practice*, 2 hours second term, Prof. Swain.

MEDICINE—*Laboratory*, Clinical Microscopy, 2 hours first term, and half second term, Prof. Ely. *Dispensary Clinics*, *Section work*, throughout the year. *Conferences*, 1 hour, Prof. Ely. *Hospital Clinics*, 3 hours, Prof. Ely.

DERMATOLOGY—*Lectures and Recitations*, 1 hour first term, Dr. McDonnell. *Clinics*, Lectures and demonstrations, 1 hour throughout the year, Dr. McDonnell.

PEDIATRICS—*Recitations*, 1 hour first term, Dr. Bishop. *Clinics*, 1 hour throughout the year, with *section work*, Dr. Bishop.

NEUROLOGY—*Recitations*, 1 hour first term, Dr. Peck. *Clinics*, Dispensary, 1 hour second and third terms with *section work*, Dr. Peck; Hospital, 1 hour, third term, Dr. Mailhouse.

MENTAL DISEASES—*Recitations*, 1 hour second term, with *clinics* at the State Hospital, Dr. Defendorf.

SANITARY SCIENCE—*Lectures*, 1 hour first term, Prof. Lindsley.

LIFE INSURANCE EXAMINATIONS—*Six lectures*, second term, Dr. Shepherd.

MEDICAL JURISPRUDENCE—*Lectures*, 1 hour first term, Dr. Francis Bacon and Prof. Smith.

ANNUAL EXAMINATIONS—(1) Therapeutics. In Medicine (2) Clinical Examination of Cases; (3) Pediatrics, Neurology, Mental Diseases; (4) Dermatology, Sanitary Science, Medical Jurisprudence; (5) Senior Surgery, Operative Surgery, Genito-urinary Surgery; (6) Orthopaedic Surgery, Otology and Rhino-laryngology, Ophthalmology; (7) A Thesis.

CHEMISTRY

The instruction in this department is given by laboratory work, combined with recitations and explanatory lectures, very completely illustrated by experimental demonstrations and specimens.

The department has two large working laboratories fully equipped for analytical and physiological chemistry. In them each student is supplied with a desk and ample apparatus for systematic and accurate experimental work. The lecture room is furnished with a projection lantern, abundant apparatus for demonstration, and a large chemical collection. The research laboratory is well equipped and is open to advanced students.

General Chemistry—The course of recitations includes the fundamental theories of chemistry, and the reactions and characters of the more common elements and compounds. A special course is given in *organic chemistry*, in which much attention is devoted to the constitution and relations of the different classes of compounds. Many of the typical bodies are prepared before the class as demonstrations.

Analytical Chemistry—Qualitative Analysis is taught so far as to require the students to be able to analyze a mixture of the salts of the common metals. The course is systematic and is well adapted to cultivate habits of observation and the analytical method of thought. In *Quantitative Analysis* each student makes a number of typical determinations by volumetric and gravimetric methods.

Physiological Chemistry—The course consists of recitations and a practical laboratory study of many of the proximate principles of the animal body, and the reactions and composition of the various tissues and fluids, particularly the digestive juices and the urine.

Clinical Chemistry constitutes a part of the clinical laboratory course of the Senior year, which deals with the analytical methods of value in clinical and sanitary work, especially the study of the blood, stomach contents, urine from pathological cases, the composition of invalid foods, and the predigestion of milk.

Two examinations are held in this department, one in general chemistry, including organic and analytical chemistry, and one in

physiological chemistry. The results of these examinations, together with the records of the student's practical work, determine his standing for the year.

ANATOMY

Systematic Anatomy—The course in this subject is graded and extends through the first two years. The instruction is given by means of dissections, recitations, class and section demonstrations, and lectures illustrated by charts, models, wet and dry preparations, and lantern slides. The lectures are intended to be explanatory and supplemental and for the elucidation of the general principles of morphology. The laboratory is well equipped, and ample material, well preserved by embalming and refrigeration, is furnished. Each student is required to make a careful dissection of the three parts of the body at least once. At the completion of a part a quiz is held with each student, which with the recitations and written examination at the end of the year determines his standing.

First Year—The work of the First year is devoted to osteology, arthrology, and myology. Each student is furnished with a box containing a skeleton for home study. The study of the soft structures is prosecuted in the laboratory under constant supervision, and two parts at least must be dissected, occupying a period of about twelve weeks.

Second Year—The dissection of at least one part is required this year. The anatomy of the peritoneum, the thoracic and abdominal viscera, and of the eye and brain are carefully demonstrated to the students in small groups. The study of surface form and topography in the cadaver and model is an important part of the work. The embryology of each organ is reviewed in connection with its structure, and the salient facts of comparative morphology, especially of the brain, alimentary, circulatory and respiratory organs, are explained. The examination at the end of the year includes angiology, neurology, splanchnology, and topographical anatomy.

Histology—Instruction in histology is given by recitations and lectures illustrated by charts, blackboard drawings, and lantern slides, but chiefly by laboratory work. The recitations and lectures precede and prepare for the better interpretation of the specimens in the laboratory. The laboratory is large, well lighted and equipped, and each student is furnished a microscope and locker containing a box with all necessary apparatus and reagents. First the elementary tissues and their morphological units are studied by fresh and unstained specimens as well as by stained ones, then the various organs are systematically taken up. The student prepares, stains, and mounts the specimens so far as is practicable, making drawings of each with explanatory notes. At the beginning of each laboratory exercise, the specimens for the

day are demonstrated by an excellent electric projection apparatus, experience having shown this method of instruction to be very helpful. Systematic instruction is given in the methods of fixing, embedding, and sectioning tissues, and in the structure and functions of the various parts of the microscope and accessory optical appliances.

A practical and written examination is held at the end of the year covering the subjects of histology and the microscope and microscopical technology, which together with the recitations, laboratory work, and drawing books determines the student's standing.

Facilities are offered and assistance given to students who are making original investigations in connection with their theses.

Embryology—The method of instruction in this branch is similar to that in histology. The laboratory work consists of a study of the early development of the chick by surface views and serial sections, and the structure of the human decidua, placenta, and cord. The cabinet furnishes serial sections of the human embryo which are used for reference. Congenital malformations and vestigial structures are considered and explained. Some attention is given to embryological technology and reconstructions. The examination is incorporated with that of histology and is of a similar nature.

Topographical and Surgical Anatomy—The junior students receive instruction in the topographical and special surgical relationships of anatomy in a course of lectures with demonstrations on the living model and the cadaver.

PHYSIOLOGY

The instruction in this department is given during the First and Second years. In the First year the course is elementary in character, being designed to present merely an outline of the subject. At the same time, by means of abundant demonstrations, the student is made to see many of the fundamental phenomena of life, and at the same time becomes acquainted with many of the methods by which the more important physiological principles are established. In the Second-year course the subject is treated with much more detail, and special attention is given to the physiology of the nervous system and the special senses, to the physiology of secretion, digestion and nutrition, and to such other topics as seem of special importance to the medical student. In the Second year instruction is given by recitations, demonstrations and lectures, combined with a practical laboratory course, in which the students, under the supervision of an instructor, are required to do many of the more important experiments themselve. In this manner the physiology of muscle and nerve is worked out with great care, the various graphic methods used in experimental physiology are illustrated and applied to the study of the phenomena of the circulation, respiration, etc.

The lecture-room of the department is adapted to its special requirements and is well equipped with apparatus and appliances for class demonstrations. The laboratory consists of a suite of six rooms, well appointed for experimental work. Advanced students are received into the laboratory and guided in research work on subjects suitable for presentation as theses.

MATERIA MEDICA AND THERAPEUTICS

The instruction in this department extends through the Second, Junior, and Senior years.

Pharmacy—The first term of the Second year is devoted to making typical preparations of the Pharmacopœia, and to compounding prescriptions. This work is done in the pharmaceutical laboratory, where each student has a separate desk and is supplied with all of the apparatus necessary to do accurate work.

Materia Medica—The second term of this year is devoted to the study of the crude drugs and their preparations by demonstrations and lectures, to recitations on the classification and doses of drugs, to blackboard exercises on prescription writing, and to lectures and demonstrations on the use of hypodermic syringes, spray apparatus, cups, counter-irritation, and the various methods of making hot and cold applications, poultices, plasters, etc.

Pharmacology—The instruction on the action of drugs consists of recitations and lectures, and begins in the third term of the Second year, and continues through the first and second terms of Junior year. The third term of the latter year is devoted to lectures and recitations on electricity, massage, hydrotherapy, organic extracts, climatology, and dietetics.

Therapeutics—This subject is introduced by a series of lectures on the history of medicine from the earliest time to the present era, particular attention being given to the gradual evolution of scientific rational treatment. The instruction extends through the Senior year, and is given by lectures and recitations on the treatment of internal diseases, and in the therapeutic clinic. In this clinic treatment is made of special importance, and the results of treatment are carefully noted and demonstrated. The Senior students have special opportunities to become well versed in prescription writing, as they are appointed to act as clerks in the various dispensary clinics.

Examinations are held at the end of each year on the work of that year.

PATHOLOGY

Instruction in pathology begins in the Second year and is continued through the Junior. In the Second year it consists of a recitation and lecture course combined with laboratory work. The first part of the course is devoted to general pathology, including the study of bacterial lesions and tumors. This is followed by a detailed review of the special pathology of the important organs. The class-room exercises are illustrated by lantern-slides, drawings, and specimens from the autopsies and the museum.

The laboratory has an excellent equipment of apparatus, including a projection microscope for demonstrations, and is abundantly supplied with excellent microscopes, which are furnished each student, together with a full set of apparatus and reagents. The laboratory course in pathological histology is systematic, and includes a study of all the important pathological processes and morbid tissues. Each student prepares a large collection of typical specimens, which becomes his own property. The methods of instruction are the same as those employed in normal histology.

Instruction in the Junior year is wholly in the laboratory, and consists of a study of individual cases selected from the clinics and autopsies.

Attendance on demonstrations of morbid anatomy at the morgue of the New Haven Hospital is required during the entire course.

Facilities are offered for original research by this department both in the microscopical and bacteriological laboratories.

Bacteriology—A laboratory course in this subject is given during the early part of the Second year. This is preliminary to the study of the lesions produced by bacteria, which is taken up in the systematic course in pathology. Each student is provided with a desk and apparatus, and receives instruction in the principles and methods of sterilization, the preparation of the ordinary culture media, and the methods of growing, staining, and studying the various bacteria. Especial attention is given to such bacteriological methods as have been found of value in clinical diagnosis.

OBSTETRICS AND GYNECOLOGY

The instruction in this department extends through the Junior and Senior years.

Theory and Practice of Obstetrics—The principles are thoroughly taught in a course of recitations and lectures extending through the Junior year.

Practical Obstetrics—The theoretical instruction is supplemented by manikin and clinical work. The various positions of the foetus *in*

utero and the mechanism of labor are taught in a manikin course during the third term of the Junior year. This course is preparatory to the clinical work of the Senior year. The symptoms and signs of pregnancy are demonstrated in the midwifery clinic at the Dispensary. Each member of the graduating class is required to attend at least two cases of labor, and to present a written report on them. Provision is made for this service at the Dispensary, where lodgings are provided for students in attendance.

Obstetric Surgery—The various obstetrical operations are taught in the first term of the Senior year in a course of lectures and demonstrations on the manikin.

Gynecology—The principles of gynecology are taught in a course of recitations in the second term of the Junior year. This theoretical work is supplemented by clinical lectures in the Senior year, and by a course in diagnosis and treatment taken by the students in small sections as they are assigned to the clinics.

MEDICINE

The instruction in the branches belonging to this department begins in the third term of the Second year and continues through the Junior and Senior years.

The Principles and Practice of Medicine—The instruction begins in the last term of the Second year with a course of lectures on general symptomatology, in which the more important symptoms of disease are considered in their relations to physiology and pathological anatomy.

In the Junior year the instruction consists in a course of recitations which are devoted to a systematic detailed study of the clinical types of disease, combined with attendance on the general medical clinics in the Dispensary and New Haven Hospital, and a practical course in physical diagnosis. Throughout this year the clinical work and the text-book exercises are made to accord as to subject in so far as it is practicable, with a view to making the clinics illustrative of the classroom.

During the Senior year the work is almost wholly practical and chiefly clinical. In the first term a laboratory course in *Clinical Microscopy* is provided, in which instruction is given in the chemical and microscopical methods employed in the clinical examination of blood, exudates, transudates, sputum, stomach contents, urine, and feces. The student is supplied with the necessary apparatus and reagents and retains them, with his place in the laboratory, during the remainder of the year, for his convenience in making such tests as may be necessary in connection with his clinical work. Cases are

assigned to each student individually for special study, the student taking the clinical history and making all such physical, chemical, microscopical and bacteriological examinations as may be necessary to a full understanding of the case. At stated intervals these cases are brought before the class and are reported and discussed as regards their pathology, diagnosis, prognosis, and treatment. Each student serves also during a portion of this year as clinical clerk in the Dispensary, taking and recording brief histories of the cases, making physical examinations, and writing prescriptions under the direction of the physician in charge.

Physical Diagnosis—A practical course in the methods of physical examination is conducted in the Dispensary during the Junior year. The course is a systematic one and the class is divided into small sections, thus permitting individual attention on the part of the instructors, and abundant practice by the student in the methods taught.

Neurology—The systematic instruction in neurology is a part of the course in medicine of the Junior year. This is supplemented and extended in the Senior year by a course of recitations and by clinical lectures, in which particular attention is paid to the demonstration of the special methods employed in the diagnosis and treatment of nervous diseases.

Mental Diseases—A course of recitations on insanity is given in the second term of the Senior year. These are combined with and illustrated by a series of clinics at the State Hospital for the Insane.

Pediatrics—The special instruction in children's diseases is given in a course of recitations during the first term of Senior year, and in the children's clinic at the Dispensary. In the Dispensary the first term is devoted to the demonstration of the development of the normal child and to special methods of examination, while the second and third terms are devoted to general clinical lectures and section work.

Dermatology—The instruction in this subject consists in a course of recitations and lectures during the first term of the Senior year, combined with clinical work which extends through the entire year. The clinical work of the first term is arranged to illustrate as far as practicable the topics treated in the class-room. During the second and third terms two clinics are held weekly for the purpose of affording sufficient opportunity for the students to become familiar with the clinical appearances of the various diseases of the skin.

Sanitary Science and Public Hygiene receive attention in a course of lectures which include a study of the air, soil, water supply, sewage disposal, house construction and ventilation, personal and school hygiene, sanitary administration, and vital statistics.

Medical Jurisprudence is treated in a course of lectures especially from the standpoint of the medical practitioner. It includes his duties and

privileges as defined by law, and general instruction concerning expert testimony, and the clinical, pathological, and chemical methods of making medico-legal examinations.

SURGERY

The instruction in surgery extends through the Junior and Senior years, and includes instruction in the recognized surgical specialties.

The Principles and Practice of Surgery—In the Junior year the class-room instruction consists of a systematic course of lectures on general surgery. Clinical instruction is also begun at this time with attendance on the surgical clinics and operations at the Dispensary and Hospital.

In the Senior year, instruction in general surgery is continued in lectures on special topics during the second and third terms, but the major part of the instruction is clinical. In the Dispensary, the Seniors are assigned to the several surgical services in turn to act as clerks and assistants. In performing their duties as dressers and general assistants they have an excellent opportunity to become familiar with the practices of modern aseptic methods. Patients needing attention at their home are assigned to students, who are required as a part of their regular duties to visit them and to make full reports concerning them.

Clinics and ward classes are regularly held during the year at the New Haven Hospital. In them the students are shown selected cases during their whole stay in the Hospital, and are afforded an opportunity of studying the causes which necessitate operations, where such are necessary, of seeing the operations, and of observing the results of treatment.

Operative Surgery—The instruction in this subject extends through the first two terms of the Senior year. The first term is devoted to recitations and lectures, all of the more important operations of general surgery being studied in detail. In the second term, the class is divided into sections, which perform, under the guidance of the instructor, as many operations as can be conveniently executed on the cadaver. Some few selected operations will be performed by the instructor as demonstrations before the whole class.

Bandaging—The art of applying bandages is taught during the second term of the Junior year in a practical course, which includes all the more useful methods.

Orthopaedic Surgery is taught in the Senior year by lectures on the etiology, symptomatology, diagnosis, and prognosis of deformities. In the discussion of treatment, special attention is paid to mechano-therapy (massage and gymnastics), mechanical appliances bandages, casts, etc.), and orthopaedic apparatus, and to operative

procedures. Clinical lectures and demonstrations are given during the second and third terms.

Genito-urinary Surgery—The special instruction in this subject is given in a course of recitations, with a demonstration of the instruments and appliances used in treatment. The clinical instruction is included in the work of the general surgical clinic.

Ophthalmology—The instruction in this subject is given in the Senior year. In the first term it consists in a systematic course of lectures and a practical course in the use of the ophthalmoscope, and in the various methods of determining refraction and motility. During the remainder of the year, attendance is required on the eye clinic, in which the students have an opportunity to witness the various operations on the eye. They also serve as assistants, and thus acquire facility in diagnosis and experience in treatment. Each student is also required to make an examination of a number of typical cases, and to present reports of them before the class.

Otology, Rhinology, and Laryngology—The didactic instruction in these subjects is given in a course of lectures and recitations, beginning in the second term of the Junior year, and continuing through the first term of the Senior year. The clinical work is given during the second and third terms of the Senior year. It begins with a manikin course on the technique of examinations of the ear, nose, and throat, after which the students receive individual instruction in the examination of patients and the simpler routine methods of treatment. In their work as assistants they gain facility and experience in these procedures. In the general clinic in this department all the major and minor operations are amply illustrated before the class.

REQUIREMENTS FOR ADVANCEMENT

Students are advanced from one class to the next by a vote of the Faculty, based on their standing in the examinations, and on the record of their work for the year.

The annual examinations are held in June in the studies of each year, and are open to students of the School and to candidates for admission to advanced standing. The subjects of the examinations of each class are fully shown in the statement of the curriculum. Examinations are also held just before the opening of the School year in October, in the studies of the First, Second, and Junior years. These autumn examinations are open only to students conditioned in June, and to candidates for admission to

advanced standing. They are optional, and a fee is required for admission to them.

REQUIREMENTS FOR A DEGREE

To be eligible for the degree of Doctor of Medicine, every candidate must fulfill the following conditions:

I. He must be at least twenty-one years of age, and must sustain a good reputation for moral character.

II. He must have pursued medical studies for four years, and have been a student in this School for at least two years. If he has not pursued the four years' curriculum in this School, he must have taken such studies in some other recognized institution as are equivalent to the remainder of the full term of study.

III. He must have passed, to the satisfaction of the Faculty, the prescribed examinations of the course, and must have presented a satisfactory thesis on some subject relating to medicine. The thesis should be presented to the Dean on the third Wednesday before Commencement.

HONORS AND PRIZES

The degree of Doctor of Medicine *magna cum laude* will be conferred on students whose examinations and school work show distinguished merit.

The degree of Doctor of Medicine *cum laude* will be conferred on students whose examinations and school work show unusual merit.

THE CAMPBELL GOLD MEDAL is a memorial of Professor James Campbell, M.D., and is awarded to that member of the graduating class who secures the highest rank in the examinations of the course.

THE KEESE PRIZE—The income of the fund for the Keese Prize, a memorial of Hobart Keese, M.D., of the class of 1855, which amounts to about $140 annually, is awarded by the Faculty to that member of the graduating class who presents the best thesis.

Any of these honors may be withheld at the option of the Faculty.

FEES AND EXPENSES

FIRST YEAR:

Matriculation (paid but once),	$ 5.00
Tuition,	150.00
Practical Anatomy (including instruction and material),	10.00

SECOND YEAR:

Tuition,	$150.00
Practical Anatomy (including instruction and material),	5.00

JUNIOR YEAR:

Tuition,	$150.00

SENIOR YEAR:

Tuition,	$100.00
Graduation,	30.00

Laboratory deposits are required as follows: First year, Chemical Laboratory, $5.00; Histology Laboratory, $1.00. Second year, Pathology Laboratory, $2.00, and Pharmacy Laboratory, $3.00. Junior year, Pathology Laboratory, $1.00. Senior year, Clinical Laboratory, $2.00. These deposits are to cover the cost of apparatus broken by the student, and any excess above such breakage will be returned at the end of the course.

A rental fee of $3.00 for the use of a microscope is charged in the laboratory courses of the First and Second years. Students may, however, supply their own microscopes, in which case this fee is remitted.

These fees give entrance to all the instruction in the School, including not only the lectures and quizzes but the practical courses in all departments. The curriculum does not need to be supplemented by private quiz-classes.

The matriculation fee is payable to the Dean on admission to the school. The tuition fees of the first three years are payable in installments of $50.00 each; and are due on October 15th, February 1st, and April 15th, respectively. The fee for the Senior year is payable in two installments of $50.00 each, on October 15th and February 1st, respectively. Fees are payable to the University

Treasurer on or before the dates specified. If not then paid they will bear interest from the dates when due, and must be paid to the Dean. The graduation fee is payable to the Dean three weeks before Commencement.

Students who do not pay in advance can continue their studies on depositing a bond of $300, executed by a bondsman satisfactory to the Dean, from whom a form of bond can be obtained. No degrees can be conferred, nor any certificate of attendance of examination furnished, until all bills due the University are paid.

Students will be assisted in finding board and lodging by the Janitor of Medical Hall. Prices range from four and a half dollars a week upwards.

INSTRUCTION TO GRADUATE AND SPECIAL STUDENTS NOT CANDIDATES FOR A DEGREE IN MEDICINE

The instruction here offered to graduates in medicine is intended to meet the requirements of two classes of students: first, those who wish to review or supplement their knowledge of the regular studies of the medical curriculum, as taught in this School; and second, those who wish to fit themselves in special lines of medical work, or for the duties of a medical examiner, or for medico-legal and sanitary examinations.

Special students are not taken in the practical branches of medicine, but the general studies of the course are open to such persons as may desire to pursue them, if by their previous studies they are prepared to profit by the instruction. The charges for instruction will depend on the courses taken, and can be ascertained for any particular line of study by applying to the Dean.

For further information, address Professor Herbert E. Smith, Dean. Office hours from 10 to 12, Room No. 25, Medical School, 150 York St.

DEPARTMENT OF LAW

(YALE LAW SCHOOL)

FACULTY

ARTHUR TWINING HADLEY, LL.D., PRESIDENT

HON. FRANCIS WAYLAND, LL.D., *Dean, and Professor of English Constitutional Law*

HON. SIMEON EBEN BALDWIN, LL.D., *Professor of Constitutional and Corporation Law*

HON. DAVID TORRANCE, M.A., *Professor of Evidence*

HON. WILLIAM KNEELAND TOWNSEND, D.C.L., *Professor of Contracts, Patents, and Admiralty Jurisprudence*

HON. EDWARD DENMORE ROBBINS, B.A., LL.B., *Professor of General and Medical Jurisprudence*

THEODORE SALISBURY WOOLSEY, LL.B., M.A., *Professor of International Law*

GEORGE DUTTON WATROUS, D.C.L., *Professor of Contracts, Torts, and Estates*

JOHN WURTS, LL.B., M.A., *Professor of Real Property, Trusts and Federal Practice*

GEORGE EMERSON BEERS, M.A., M.L., *Assistant Professor of Elementary Law and Real Property*

WILLIAM FREDERIC FOSTER, D.C.L., *Assistant Professor of Mercantile Law and Secretary of the Faculty*

ALBERT SPROULL WHEELER, M.A., *Instructor in Roman Law*

HENRY WADE ROGERS, LL.D., *Lecturer on Equity, Insurance and Municipal Corporations*

SPECIAL LECTURERS AND INSTRUCTORS

HON. NATHANIEL SHIPMAN, LL.D., *Lecturer on Jurisdiction of and Procedure in the United States Courts*

MARK BAILEY, M.A., *Instructor in Forensic Elocution*

ARTHUR MARTIN WHEELER, LL.D., *Instructor in English Constitutional Law*

WILLIAM GRAHAM SUMNER, LL.D., *Instructor in Political and Social Science*

HON. JOHN WATSON FOSTER, LL.D., *W. L. Storrs Lecturer on Municipal Law*

HON. EDWIN BAKER GAGER, B.A., *Instructor in Mortgages and Electrical Law*

THOMAS THACHER, LL.B., M.A., *Lecturer on Corporate Trusts*

JAMES MULFORD TOWNSEND, JR., B.A., LL.B., *Lecturer on Transfer of Monetary Securities*

CYRUS LARUE MUNSON, LL.B., M.A., *Lecturer on General Legal Practice*

JAMES HENRY WEBB, S.B., LL.B., *Instructor in Criminal Procedure and Criminal Law*

ROGER FOSTER, LL.B., M.A., *Lecturer on Federal Jurisprudence*

LEONARD MAYHEW DAGGETT, B.A., LL.B., *Instructor in Wills*

HOWARD HOYT KNAPP, B.A., LL.B., *Lecturer on Connecticut Practice*

JOHN CHRISTOPHER SCHWAB, PH.D., *Instructor in Political Economy*

CHARLES WHEELER PIERSON, M.A., *Instructor in New-York Practice*

PHILIP P. WELLS, PH.D., *Librarian*

ROBERT CLARK MORRIS, D.C.L., *Instructor in the French Codes*

ANDREW TEW BIERKAN, LL.B., *Instructor in Bookkeeping and Accounts*

HORACE GREELEY EASTBURN, B.A., *Assistant Librarian*

JAMES FRANK ADAMS, B.A., *Assistant Librarian*

HAROLD RIDGWAY BERRY, *Registrar*

CHARLES HENRY HARRIMAN, LL.B., *Instructor of Quiz Clubs*

It is the aim of the School to give to all students in its regular undergraduate course a thorough acquaintance with the general principles and rules of American law, so as to fit them for the Bar of any State; to extend to those who do not propose to become practicing lawyers but wish to pursue some particular branches of legal or political knowledge, such assistance as they may desire; and to offer to advanced students further instruction in all that belongs to law as a science in its widest sense. Such instruction is given in an undergraduate course, a graduate course, and special courses.

The undergraduate course is mainly devoted to the practical side of legal education, but also gives an introduction to the general ideas and sources of jurisprudence.

Graduate instruction includes studies of a more scientific and philosophical character, such as General and Comparative Jurisprudence, Legislation and Government, Economics, Roman Law, the French Codes, and Private International Law. Students are at liberty to take a part of this course one year and part another year, being examined at the close of each year on the studies pursued, and dividing the tuition fees in like proportion.

Hendrie Hall, the Law School building, faces the Green near the College Square. It has several large lecture rooms, and ample reading, conversation and consultation rooms for the use of the several classes. The building is within two blocks of the Court House of New Haven County, in which two terms of the Supreme Court of Errors of Connecticut are held annually; while the Superior Court and Court of Common Pleas (the principal civil and criminal courts of the State) are also in session there almost daily during each of the School terms, thus affording the students peculiar facilities for observing actual practice in court.

The library of the School is open until nine in the evening, and students are encouraged to examine the books on the shelves for themselves, without the intervention of the

librarian. The familiarity with the reports and authorities thus gained the Faculty deem of great importance in accustoming the student to prepare his cases intelligently and thoroughly in his future practice.

A debating society—the Kent Club—gives a good opportunity for practice in public speaking, and the formation of class quiz-clubs, to meet in the Law School apartments, is also provided for. Those formed in the Junior year are under the special direction of competent instructors.

The share of the School in the general advantages of the University gives the students many opportunities of broadening their views and acquiring knowledge in regard to matters outside of their strictly professional work. They may, on application to the Dean, obtain permission to be present at one or more of the special courses of instruction in the Department of Philosophy and the Arts, or the lectures on Anatomy, Insanity, etc., in the Medical School, on payment of a moderate fee.

COURSES OF INSTRUCTION

The regular course of study for candidates for the degree of LL.B. covers a period of three years. Bachelors of Arts of approved colleges may be permitted to complete the three years' course in two years, if they desire and are able to do so ; and the same privilege may be accorded to any others who in the judgment of the Faculty are qualified by natural abilities or previous training to undertake so arduous a labor. No student, however, can be allowed to proceed to the second year, unless his examinations at the close of the first year fully demonstrate his ability to accomplish the remaining work of the second with credit to the School and to himself. A mere pass examination therefore will not be accepted as sufficient, except for admission to the middle class.

The general order of instruction is as follows :

FIRST YEAR

Outlines of American Law; Lectures.
Elementary Law (Robinson).
Real Property (Tiedeman).
Contracts (Parsons on Contracts).
Wills; Lectures.
Criminal Law (Clark).
Torts (Cooley).
Pleading (Heard's *Civil Pleading*).
Evidence (Reynolds' *Theory*).
Moot Courts.

Elective

Construction of Contracts; Lectures.
Elocution; Lectures and practice.
Commercial accounts, with practical instruction in bookkeeping.

SECOND YEAR

Real Property (Tiedeman).
Conveyancing; practice.
Contracts (the remainder of Parsons).
Equity (Bispham); and Lectures.
Private Corporations (Morawetz).
Criminal Procedure (Clark).
Code Pleading (Bryant).
Habeas Corpus, Taxation, and Judgments; Lectures.
Principles of Contract (Benjamin).
International Law; Lectures.
Evidence (McKelvey).
Constitutional Law; Lectures.
Practice in the United States Courts; Lectures.
Insurance (Richards).
Estates; Lectures.
Moot Courts.

Elective

Attachments; Lectures.
Elocution; Lectures and practice.
Medical Jurisprudence; Lectures.
Roman Law (Hadley and Morey).

THIRD YEAR

(At least thirteen hours per week to be elected.)

Sales (Benjamin).
Wills (Schouler).
Municipal Corporations (Dillon).
Evidence (Thayer's Cases).
The Law of Electricity; Lectures.
Railroad Law (Baldwin's Cases).
Patents; Lectures.
Shipping and Admiralty.
Trusts (Perry).
Roman Law (Sohm).
Moot Courts.
American Diplomatic History; Lectures.
Practice in the United States Courts and Equity Pleading (Foster).
Mortgages (Jones).
General Jurisprudence (Holland).
Practice under the several State systems.
New York practice.
Remedies (Pomeroy).

GRADUATE COURSE

FOURTH YEAR

Elections from

Roman Law, from the original sources.
General Jurisprudence.
Political Geography in its relations to Political History.
Political History and Science; Lectures.
Comparative Jurisprudence.
Conflict of Laws.
English Constitutional Law.
The Law of Receivers.
Economics of Transportation.
Public Finance: Labor Organizations.
Economic Policy: United States Financial History.
Political and Constitutional History of the United States.
Medieval Institutions.

The courses above outlined are subject to change from time to time, and books should not be purchased until the work is entered upon.

The method of instruction is largely that of recitations. It is the conviction of the Faculty of this Department, as well as the tradition of the University, that definite and permanent impressions concerning the principles and rules of any abstract science are best acquired by the study of standard text-books in private, followed by the examinations and explanations of the recitation-room. Hence, although certain subjects are separately taught by lectures, either because the want of proper manuals, or the constant and rapid advance of learning, or economy of time, requires the adoption of that method, care is taken that the same topics as far as practicable shall be covered by recitation work in connection with the wider branches of the law to which they belong. The study and analysis of reported cases of special importance, illustrating the development of law in its leading branches down to the present time, are also required, and many of these are separately printed by the Department and used for more ready consultation in connection with the different courses of instruction. The recitation hours, however, are only in part devoted to questioning the student. While this is done with sufficient thoroughness to hold him up to his work of preparation, matters not fully treated in the text-book used are presented at greater length; ample opportunity is also afforded for a free colloquial discussion of the subject of the lesson and for the presentation and solution of the difficulties which he may have encountered in his private study. In this manner each student is brought into personal communication with the instructor in reference to his daily work, and as far as practicable, receives the benefits which would be obtained if he were placed under the individual tutorship of his professor.

The undergraduate courses of study in Real Property include practical instruction in Conveyancing, in which the students are exercised in drawing all the instruments commonly employed in the transaction of business concerning real property.

The courses on Pleading embrace the subjects of Common Law and Code Pleading, both taught by recitation and examples, while the details of the latter are enforced by requiring the students to draw complaints, answers, etc., in the moot courts or in cases of their own selection, and to submit them to the instructor for criticism and correction. Special instruction is also open to each student as to the leading features of the system of pleading and conveyancing in use in the State in which he expects to practice; that on the New York code of civil procedure being continued through the greater part of the third year.

The course in Evidence embraces three years. Instruction during the first year is devoted entirely to the Theory of Evidence, it being the intention to develop logically the theoretical reasons for excluding *res inter alios*, hearsay, opinion and character, and for admitting facts deemed to be legally relevant, and to set forth the means whereby such facts are proved and their effect upon the issue when proved. In the second year, the theory thus taught is practically applied. McKelvey on Evidence is the text-book used, the principles being emphasized and illustrated by leading cases. So far as is possible, the student is placed in the position of an attorney actually engaged in the trial of a case and the practical difficulties and questions of preparation for trial are discussed. The third year takes the student still further into special lines of evidence. Attention is given to the more intricate branches and a thorough historical investigation is made into the decisions involving such subjects.

The course on International Law and Diplomacy extends over two years, and consists of lectures not only covering the general principles, but treating also of any questions involving their application which may be, for the time being, exciting public attention.

The course on Roman Law is based on Hadley's *Introduction*, Morey's *Outlines* and *Sohm's Institutes* (English translation), and occupies one hour a week throughout the Middle and Senior year.

The graduate course is designed to afford to the advanced student an opportunity to review his previous studies, to extend them in new lines and to round out his legal acquirements by a fuller investigation of the philosophic principles of human law. The primary conceptions to which he was introduced at the commencement of his studies are again taken up and developed in a scientific method, and examined in the light of various systems of practical jurisprudence now or heretofore prevailing. Roman Law is made the principal topic for those

who desire the degree of D.C.L. The Institutes of Justinian and a considerable part of the Commentaries of Gaius are read. Illustrative cases are studied from the Digest, including some as treated in Eckert's *Chrestomathie*, and Hess's *Achtzehn Rechtsfälle*. Roby's *Introduction to the Digest* is used and leading titles of the Digest, Code and Novels made the subject of investigation.

The time given to Comparative Jurisprudence is ordinarily devoted to a study of the French Codes, compared with other systems of jurisprudence, particularly the Roman, English, and American, with the investigation of leading cases decided in the French and American courts.

The lectures on Political and Social Science,, Economics, etc., are given in connection with the graduate courses in the Philosophical Department of the University, and are attended by the graduate students of the Law School in common with the members of that Department.

Besides these various exercises, the undergraduate students are required, from time to time, to draft contracts, wills, and other similar instruments, the work of each being reviewed and commented upon, either in public or in private, by the instructor. Public Moot Courts, besides those of the class quiz-clubs, are regularly held, at which one of the professors presides as judge, and the students acting as counsel, in the argument of cases, are required to draw the necessary pleadings, according to the common law or equity forms, as the case may be. Occasionally, also, cases are tried by the students before a jury of their own number, in a court regularly organized, with a full complement of judicial, clerical, and executive officers, where the proceedings are conducted in the same manner as in ordinary courts of law.

SPECIAL STUDENTS

Special studies may be taken by students who desire some acquaintance with law as a preparation for business pursuits, and also by those who, not intending to engage in active business, desire to acquire an enlarged acquaintance with our political and legal systems and the rules by which they are governed. The Faculty will determine, in

the case of each special student, the studies which he can most profitably pursue. A three-years' course may be thus arranged (comprehending Roman Law), at the conclusion of which the degree of Bachelor of Civil Law (B.C.L.) may be awarded. To special students, not taking this full course, certificates will be given, stating the time during which they have been connected with the School and the subjects on which they have passed examination. The Faculty will decide in what cases a preliminary examination will be required.

TERMS AND VACATIONS

There are two terms in each year. The first Term, beginning thirteen weeks from the day after Commencement, continues for twelve weeks (with a Thanksgiving recess covering Wednesday afternoon as well as Thursday): the second Term, beginning on the Wednesday after the first Thursday in January, continues until Commencement-day, with a Spring recess of eight days, including Easter.

REQUIREMENTS FOR ADMISSION

UNDERGRADUATE COURSE

Applicants for admission to the Junior class must be at least eighteen years of age, and must produce certificates of good moral character.

No applicants who have not received a liberal education at some collegiate institution will be admitted to any class until they have passed satisfactory examinations in English Grammar and Composition, English Literature, Geography, Arithmetic, Roman, English and American History, and the text of the Constitution of the United States, and have given evidence of their ability to read at sight the Latin of such authors as Caesar or Sallust.

Applicants for admission before September 30, 1901, will be subject to the foregoing requirements. On and after that date the following requirements for admission will be enforced.

No applicant who has not been graduated from or admitted to a college or law school or graduated from a preparatory school approved by the Faculty shall be admitted to any class until he shall have passed a satisfactory examination in the following subjects:

1. English Grammar—Whitney's *Essentials of English Grammar*, or an equivalent.
2. English Literature—A candidate will be required to show a general knowledge of the subject matter of the following works, and to answer simple questions on the lives of the authors: Shakespeare's *Macbeth* and *Merchant of Venice; The Sir Roger de Coverley Papers* in *The Spectator;* Goldsmith's *The Vicar of Wakefield;* Coleridge's *The Ancient Mariner;* Scott's *Ivanhoe;* Cooper's *The Last of the Mohicans;* Tennyson's *The Princess;* Lowell's *The Vision of Sir Launfal:* George Eliot's *Silas Marner;* Milton's *Paradise Lost*, Books i and ii: Burke's *Speech on Conciliation with America;* Macaulay's *Essay on Milton and Addison.*
3. History of England—Cowan and Kendall's *A History of England*, or Green's *Shorter History of the English People*, or an equivalent.
4. History of the United States—A thorough acquaintance is expected with Channing's *Student's History of the United States*, or McLaughlin's *History of the American Nation*, or some other work of equal scope.
5. Latin Grammar and Composition—Such a knowledge will be expected as is involved in a thorough study of the vocabulary and idiom of the first two books of Caesar's *Gallic War.*
6. Caesar—The first four books of the *Gallic War.*
7. Vergil or Cicero—The first three books of the *Aeneid*, or Cicero's orations against Catiline and for Archias.
8. German or French—Translation at sight of simple prose with sufficient knowledge of grammar to read it intelligently.
9. Algebra.
10. Plane, Solid and Spherical Geometry—Phillips and Fisher's *Geometry*, or an equivalent.
11. Trigonometry and the use of Logarithms—So much, for example, as is contained in the first six chapters of Newcomb's *Larger Trigonometry*, and in Articles 77–78 of Chapter 8.
12. Botany or Chemistry or Physics—Gray's or Bergen's *Elements of Botany* is recommended. If Chemistry be offered, there

will be required a knowledge of the common elements and their compounds, ability to write equations of simple reactions, and familiarity with the laws of chemical combination. If Physics be offered, a familiarity with the general phenomena of mechanics, sound, light, heat, magnetism and electricity will be expected.

Upon application to the Secretary of the Faculty at least four weeks before the date of each examination, equivalents may be offered for subjects eight to twelve inclusive.

In choosing equivalents the following subjects are suggested. General History, Fiske's *Civil Government of the United States*, together with the text of the United States Constitution, Physiology, Physical Geography, Geology, Greek, Greek History and Roman History.

In preparation for the examination in General History, Swinton's *Outlines of the World's History*, or Fisher's *Brief History of the Nations*, is recommended. Those, however, will be excused from this examination, so far as English branches are concerned, who present a certificate that they have passed a "Regents' Examination for Law students," conducted under the authority of the Board of Regents of the University of the State of New York.

Applicants for admission to advanced standing, as candidates for the degree of LL.B., must be at least nineteen years of age, if they seek to enter the second-year class, and at least twenty years of age, if they seek to enter the third-year class. They will receive due credit for time previously spent in other Law Schools or under competent legal instructors in an office, and for the branches of study there pursued, and upon passing satisfactory examinations on their work already done (and the required preliminary examination in cases to which it applies) will be assigned to such classes as the Faculty may deem them qualified to enter. Attorneys at Law and graduates of other Law Schools will be allowed to enter, and will be so assigned,

without examination, upon consideration of the studies they have pursued and the time which has thus been occupied.

GRADUATE COURSE

The Graduate Course can be completed in one year or in two years, according to the ability or the desire of the student. The conditions of admission are as follows:

It is open to graduates from any Law School having the degree of Bachelor of Laws (LL.B.), or Bachelor of Civil Law (B.C.L.), or Master of Laws (M.L. or LL.M.), provided they have spent not less than three years in all in the study of law. In computing that period one year of practice at the bar may be considered the equivalent of one year of study. Attorneys of law who have been actively engaged in practice at the bar for not less than five years, and who present a recommendation from one of the Judges of the highest courts of their State, may also be admitted to this course.

At least one year of residence is indispensable. The presentation of a graduating thesis may be deferred until the second year, and in such case it may be prepared *in absentia*.

No examination is required from those not intending to make Roman Law their major study, and they can, subject to the approval of the Faculty, substitute for it other legal studies (including such studies in the undergraduate course as they may not have previously pursued, or may desire to become better acquainted with), or studies in allied branches, such as Political Science, Diplomacy, and Public Finance. Those not graduates of the Yale Law School will be allowed, under the direction of the Faculty, to substitute, if they desire, topics taught here in the undergraduate course for some of the topics taught in the graduate course. Those who pursue successfully the graduate course will receive the degree of Master of Laws (M.L.).

In lieu of this degree that of Doctor of Civil Law (D.C.L.) may be conferred upon those who attain a high standard of

proficiency and submit a thesis of marked excellence, evincing some original research ; provided they have been graduated at some collegiate institution as Bachelors of Arts, Philosophy, or Philology, or are graduates of the Yale Law School, who attained a prescribed standard of scholarship on their examination for their prior degree, or are graduates of other Law Schools presenting a certificate of distinction in scholarship from one of their former instructors.

The degree of D.C.L. will not be awarded to any one who has not made Roman Law his major study through this course.

All who propose to take the studies in Roman Law from the original sources must pass a preliminary examination upon the outlines of Roman Law and History (unless they received their degree at a Law School where Roman Law constituted one of their studies), and also in the Latin and either the French or German language. In the case of students from foreign and not English-speaking countries, a good knowledge of the English language may be accepted as an equivalent for that of French or German.

The presentation of a satisfactory thesis, on an assigned or approved topic, is required as a condition of *every degree.*

EXAMINATIONS

There will be an examination of candidates for admission to the Junior class at the Law School in New Haven on the day after the University Commencement and also on the day before the opening of the Fall Term. For other places at which examinations are held, see page 61.

Candidates who propose to be present elsewhere than at New Haven are requested to communicate with Professor William F. Foster, Secretary of the Faculty, before June 15. A fee of five dollars (payable at the opening of the sessions) is charged for admission to examinations outside of New Haven.

Examinations of candidates for admission to advanced standing are held towards the end of the Second Term, and at the beginning of the First Term. Examinations for degrees are held only at the close of the Second Term. To students who, after two years of residence at the School, pursue their studies for a third year elsewhere, and return for their final examinations for a degree, a fee of $15 for such examinations will be charged.

The examination for admission to the graduate course of those intending to make Roman Law their study will be held on the day after the University Commencement, beginning at 9 A. M. in the Law School Building. This examination will cover reading Latin at sight and one of the modern languages required; also the outlines of Roman Law and History, in the case of those not graduates of some institution where these were regularly taught and where they passed a satisfactory examination in these studies.

LIBRARY, PRIZES, ETC.

The special Library of the Department, which has a permanent endowment for its support (the English Fund, established by the Hon. James E. English, M.A., in 1873), contains about fifteen thousand volumes, and is open daily and in the evening during term time. It embraces all the reports of Great Britain and America, with an extensive collection of text-books, and the leading legal periodicals. The students can also draw books from the general University libraries, containing about 265,000 volumes.

The following prizes are open to competition:

The JOSEPH PARKER PRIZE (established by the will of Miss Eliza T. Parker in 1898), of one hundred dollars, for the best thesis on a subject connected with Roman Law, presented by any member of the School at graduation from either the undergraduate or graduate course.

The TOWNSEND PRIZE (established by the Hon. James M. Townsend, in 1874), of one hundred dollars, to that mem-

ber of the Senior class who shall write and pronounce the best oration at the public anniversary exercises on graduation.

The JEWELL PRIZE (established by the Hon. Marshall Jewell, M.A., in 1871), of fifty dollars, to that member of the Senior class who receives the highest marks at his annual examination.

The EDWARD THOMPSON COMPANY PRIZE: A set of the first or of the second edition of the Encyclopaedia of Law, or a set of the Encyclopaedia of Pleading and Practice, as the successful competitor may elect, to that member of the Middle class who shall pass the best examination in the required and optional studies of that year.

The BETTS PRIZE (established by Frederic H. Betts, M.A., in 1875), of fifty dollars, to that member of the Junior class who receives the highest marks at his annual examination.

The MUNSON PRIZE (established by C. LaRue Munson, LL.B., M.A., in 1890), of fifty dollars, for the best graduating thesis by a member of the Senior class.

The WAYLAND PRIZES (established by Professor Francis Wayland in 1890), one Prize of fifty dollars, one Prize of thirty dollars, and one Prize of twenty dollars, to those three members of the Yale Kent Club who, at a public competitive debate, are pronounced first, second, and third in excellence as debaters.

The PHELPS MONTGOMERY PRIZE (established in 1899 by Phelps Montgomery, Esq., A.B. Yale 1895: LL.B. Yale 1898), of fifty-dollars, to that member of the Junior class who passes the best entrance examination.

DEGREES

In the undergraduate course, the degree of Bachelor of Laws or Bachelor of Civil Law, as the case may be, is conferred by the Corporation, upon the recommendation of the Faculty of the Department, on all students who,

having finished the prescribed courses of study, have passed satisfactory examinations thereon, and have submitted to the Faculty a creditable thesis on some designated legal subject. In the graduate course the degrees of Master of Laws (M.L.) and Doctor of Civil Law (D.C.L.) are conferred under the conditions already specified on pp. 392–93.

Degrees are awarded, in cases of students of unusual merit, *cum laude*, *magna cum laude*, or *summa cum laude*.

EXPENSES

The fees for tuition and use of the University and Law libraries are, in the regular undergraduate course, forty-five dollars for the First Term and eighty dollars for the Second Term, if paid each term, or one hundred and ten dollars for the entire year (if paid in advance); and in the graduate course, eighty dollars for the First Term and one hundred and forty dollars for the Second Term, if paid each term, or two hundred dollars for the whole year (if paid in advance). Tuition fees, whether paid by the term or for the year, must be paid to the Treasurer of the University in advance, or secured by a bond with surety to his satisfaction; and where payment is not made in advance, interest will be added. The fee for graduation is five dollars.

The tuition charges for special students vary in proportion to the amount of instruction and supervision required.

Board and lodgings can be obtained at prices ranging from five dollars a week upwards.

For further particulars, inquiries may be addressed to Professor Francis Wayland, Dean of the Faculty, or to Professor William F. Foster, Secretary of the Faculty.

PART IV

INSTITUTIONS CONNECTED WITH THE UNIVERSITY

LIBRARIES

ADDISON VANNAME, M.A., *Librarian*
FRANKLIN BOWDITCH DEXTER, M.A., *Assistant Librarian*
JOEL SUMNER SMITH, B.A., *Assistant Librarian*
ANDREW KEOGH, *Librarian of Linonian and Brothers Library*
ANNIE ELIZA HUTCHINS, *Assistant*
HENRY ROBERT GRUENER, *Assistant*
MRS. HENRIETTA CLARK GILBERT, *Assistant*
MRS. JESSIE CRAIG HARGER, *Assistant*
GEORGE ALEXANDER JOHNSON, *Assistant*

The whole number of volumes in the several libraries of the University is about 310,000.

The Standing Committee in charge of the University Library, appointed by the Corporation, consists of President HADLEY, Professors DAY, FISHER, LOUNSBURY, DANA, SEYMOUR, FARNAM, and ELY, and the Librarian.

The UNIVERSITY LIBRARY contains about 265,000 volumes and many thousands of unbound pamphlets. For some years past the average annual increase has been more than 10,000 volumes. Of current periodical publications, including publications of learned societies, the Library receives not less than one thousand, about one-half of which are foreign. While designed especially for the use of the officers, resident graduates, and students of the several Departments of the University, other persons may have the privilege of consulting and, by permission of the Library Committee, of drawing books. The Library is open daily, except Sundays, in term-time, from 9 A. M. to 5 P. M.; the reference-library and reading-room is open until 9 P. M. In the Winter vacation and through July the Library is open during the morning hours, and in the rest of the Summer vacation on Monday, Wednesday, and Saturday mornings.

The new library building, erected by the munificence of the late Hon. Simeon B. Chittenden, of Brooklyn, N. Y., began to be occupied in 1890.

The LINONIAN AND BROTHERS LIBRARY, occupying the south wing of the old Library building, contains about 22,000 volumes, to which additions of several hundred volumes, chiefly of the best current literature, are annually made. It is designed primarily for the use of the students, and is open in term-time, daily, except Sundays, from 9 A. M. to 5 P. M. In vacations it is open on Monday, Wednesday, and Saturday mornings.

In addition to the periodicals received at the University Library, there will be found in the Reading-room (in the north wing) fifty-nine daily newspapers, American and foreign, fifty-five weeklies, and seventy-two other periodicals. This is open daily in term-time from 9 A. M. to 8 P. M. (on Sundays from 1.30 to 8 P. M.).

The DWIGHT HALL LIBRARY, which is open daily from 8 A. M. to 9 P. M., contains nearly 1,000 volumes, selected mainly with reference to the study of the Bible; together with a Reading Room, in which forty-five newspapers and periodicals, mostly religious, are on file.

The LAW LIBRARY, containing about 10,000 volumes, among which are included complete sets of the English, American, Irish, and Canadian Reports, is on the third floor of the Law School Building; it is open daily, until 9 P. M., in term-time.

The SHEFFIELD SCIENTIFIC SCHOOL LIBRARY, in Sheffield Hall, is a valuable collection of about 5,000 volumes, chiefly mathematical.

The TROWBRIDGE REFERENCE LIBRARY of the Divinity School, in Bacon Memorial Hall, contains over 3,000 volumes of standard and recent theological literature. It is open in term-time in the afternoons and evenings.

The LOWELL MASON LIBRARY OF CHURCH MUSIC, in West Divinity Hall, is accessible to those interested in the study of this subject. It embraces about 8,000 titles in 4,000 volumes.

The LIBRARY OF FOREIGN MISSIONS, in East Divinity Hall, contains nearly 7,000 volumes, with all the leading missionary periodicals.

The ART SCHOOL LIBRARY consists of about five hundred volumes.

The LIBRARY OF THE MEDICAL SCHOOL is incorporated in the University Library.

The LIBRARY OF THE AMERICAN ORIENTAL SOCIETY, consisting of about six thousand books and manuscripts, is deposited in the University Library building.

PEABODY MUSEUM OF NATURAL HISTORY

TRUSTEES

PROFESSOR EDWARD SALISBURY DANA, PH.D., *Chairman*
THE GOVERNOR OF CONNECTICUT, *ex-officio*
PROFESSOR GEORGE JARVIS BRUSH, LL.D.
HON. WILLIAM COLLINS WHITNEY, LL.D.
HON. GEORGE PEABODY WETMORE, M.A.
PROFESSOR CHARLES EMERSON BEECHER, PH.D.
CORNELIUS VANDERBILT, B.A., PH.B.

CURATORS

CHARLES EMERSON BEECHER, PH.D., *Curator of the Geological Collection*
ADDISON EMORY VERRILL, M.A., *Curator of the Zoological Collection*
EDWARD SALISBURY DANA, PH.D., *Curator of the Mineralogical Collection*

In 1866, George Peabody, of London, but of Massachusetts birth, entrusted to a board of Trustees, selected by himself, the sum of $150,000, "to found and maintain a Museum of Natural History, especially in the departments of Zoology, Geology, and Mineralogy, in connection with Yale College." Of this sum, $100,000 was devoted by Mr. Peabody to the erection, "on land to be given for that purpose by the President and Fellows of Yale College, of a fire-proof building," "planned with special reference to its subsequent enlargement," to be, "when completed, the property of Yale College." Of the remainder of the gift, $20,000 was set apart to "accumulate as a building fund" and $30,000 to meet by its income from investment the expenses attending "the care of the Museum, the increase of its collections, and the general interests of the departments of science before named."

Ten years later, in 1876, the first wing of the Museum—the part now standing—was completed and furnished with cases at a cost of $175,000, the whole outlay being met by the accumulated building fund. The central part of the projected structure and the South wing—which will extend it to Library street—remain to be built whenever the means available for the purpose shall be adequate. The central part is much needed, as only a small part of the specimens secured can now be placed on exhibition.

The first floor of the building is devoted to the department of Mineralogy and to the purposes of a large lecture-room. The minerals occupy cases in the west room, the door of which fronts the entrance to the Museum. The minerals of the Gibbs collection, deposited by Col. George Gibbs with the College in 1809–10, and purchased in 1825 at a cost of $20,000, and the extensive accumulations since made, are here preserved and for the most part on exhibition, making it one of the largest public collections in the country. Besides minerals, the exhibition-room contains one of the largest collections of meteorites in the country. Among the specimens, there are the famous mass of meteoric iron from Texas, weighing 1635 pounds; some hundreds of meteorites, large and small, all of which came from a single fall in Iowa, in May, 1879; the interesting Weston meteorite, which fell in Weston, Connecticut, in 1807, and was soon after described at length by Professors Silliman and Kingsley; besides many others of special interest. An important recent addition is a collection of meteorites, numbering nearly one thousand, which came from the great meteoric fall of May 2, 1890, in Winnebago County, Iowa; still another is the Jerome (Gove Co.), Kansas, meteorite weighing 65 pounds. A case in the center of the room contains the large and beautiful collection of Chinese artistic work in stone, chiefly in jade and agate, with other like objects, bequeathed by Dr. S. Wells Williams, who was for forty-three years in China as Christian philanthropist, editor, author, and attaché to the

American legation, and for some years before his decease was the Professor of Chinese in the University. A large room on the same story is arranged for mineralogical and blowpipe instruction, with desks and a students' cabinet of minerals, under the charge of Professor Penfield. An adjoining room contains the laboratory of physical mineralogy; also the library and cabinet of Professor Brush, which add greatly to the means of study and investigation in Mineralogy.

The second floor is given up to Geology and Paleontology. The southern room contains vertebrate fossils. The latter are mostly collections made by Professor Marsh, in the Rocky-Mountain region and other parts of the West, and presented to the University. In this room the first horizontal case to the left of the entrance contains specimens of toothed birds, mainly *Hesperornis* and *Ichthyornis*, discovered by Professor Marsh in the Cretaceous rocks of Kansas. Near by, in the first vertical case against the wall, are the bones of a large Mastodon from the Post-Pliocene of southern New York. In the second wall-case on the east side are the huge bones of the Miocene *Brontotheridae* from Dakota and Nebraska. In the two wall-cases at the southeastern corner are remains of the *Dinocerata*, large horned mammals from the Eocene of Wyoming. In the horizontal case adjoining may be seen two skeletons of gigantic Moas *(Dinornis)*, extinct birds from New Zealand. In the center of the room is a large slab, standing vertically, showing the pelvis and hind limbs of a Cretaceous Dinosaur (*Claosaurus*) from Wyoming. The remainder of the skeleton of this animal is being mounted, and will soon be placed in position. On the floor are part of the bones of an enormous Dinosaur (*Brontosaurus*), sixty feet in length, from the Jurassic of Wyoming; also a case containing the nearly complete skull of *Triceratops*, a gigantic Dinosaur from the Cretaceous of the same state. Another slab shows the skeleton of a Mosasaur from the Chalk of Kansas. The horizontal case to the right of the

entrance and the wall-case adjoining it on the west contain the remains of another Jurassic Dinosaur *(Stegosaurus)*, about thirty feet long, which, as the specimens show, had a series of very large plates along the back, and four pairs of immense spines on the tail. In the lower part of the next vertical case lies part of a thigh bone of *Atlantosaurus*, the largest of Dinosaurs and of land animals yet known. A horizontal case on the south side of the room contains the feet of various animals, and among them the bones of the feet of three-toed and four-toed horses from the Tertiary of Nebraska and Wyoming. In the wall-case south of this are remains of the extinct Irish Elk, and over the case is the skull with the large antlers complete. At the southwestern corner of the room, the wall-cases contain the bones of *Morosaurus*, another Jurassic Dinosaur. In the adjoining horizontal case is a series of Mesozoic mammals, together with three skeletons of Dinosaurs from the Connecticut River sandstone, near Manchester, Connecticut, and a portion of the armor of a crocodilian reptile from New Haven.

The western exhibition-room is occupied mainly by a collection of invertebrate fossils, arranged zoologically. The first vertical case on the south is devoted chiefly to fossil sponges, among which the series of *Brachiospongidae* is the most notable. Then follow two cases of corals, with many fine examples from Kentucky, Ohio, and New York. The nine succeeding cases contain collections of crinoids, trilobites, crustacea, bryozoa, and fossil shells. A small wall-case contains a restoration, natural size, of a giant Arthropod *(Stylonurus)* from the Devonian of New York and Pennsylvania. Two large wall-cases on the eastern side of the room exhibit slabs and tablets of crinoids, mostly from Indiana. A third wall-case encloses a large slab measuring four by six feet, showing nearly thirty species of fossils represented by upwards of one hundred and forty individuals. A fourth wall-case contains a slab measuring nearly five by seven feet, preserving on its sur-

face over two hundred individuals of *Uintacrinus* from the Chalk of Kansas. One table-case contains many type specimens illustrating the development, structure, and classification of Trilobites, and a second is devoted to recent brachiopods, of which the museum has an extensive collection. On the floor is a series of large fossil trunks of Cycads from the Black Hills.

Of the large collection of foot-prints belonging to the University, only a few fine slabs are on exhibition, part of them in each of the two exhibition-rooms of the second story. One of the most interesting is a slab about twelve feet long, covered throughout with raindrop impressions, and, besides these, two series of foot-prints of biped reptiles, one line of them extending the whole length of the slab.

The third story is occupied with the zoological collections, so far as there is room for their exhibition. The general zoological collection occupies the western room; and nearly the whole has been accumulated since Professor Verrill took charge of the department. The specimens are well arranged for exhibition and all labelled. Facing the south door stands a vertical case devoted to the Sponges, among which are many species of the siliceous or glass sponges (*Euplectella*, etc.). Beyond the sponges, twelve cases are filled with the collection of corals, which is one of the most extensive in the country. These are followed by the Echinoderms, etc. Several cases are devoted to a collection of the marine invertebrates of New England, which is nearly complete. Other cases contain special collections of the shells and corals of the Pacific Coast of America; of the corals of Bermuda; of the shells of Florida, etc. The collections are rich in species from the deep-sea dredgings in the Atlantic, but only a small part is on exhibition. Overhead are models of two of the huge Cephalopods of the world: one, of twice the natural size, an Octopus from California, twenty-eight feet in diameter (between the tips of the opposite arms), and the other, of natural size, a species of the Newfoundland seas, related

to the Squids, having enormous eyes, and a length, from the posterior extremity to the tips of the longer arms, of forty-two feet. The models were made for the zoological department by Mr. J. H. Emerton.

The southern exhibition-room of the zoological story contains a collection of skeletons in cases on its east and south sides, beginning near the door. These were presented by Professor Marsh. The skeletons of mammals, beginning with man and the apes, occupy all the east side; and then come the birds, reptiles, and fishes. The rest of the cases are occupied with collections of vertebrates, both mounted and alcoholic, including a nearly complete series of the species inhabiting New England.

The second and third stories have also large laboratories and workrooms, devoted mainly to the department represented in the exhibition-rooms of the same floor. Those of the second or geological story are in charge of Professor Beecher; and those of the third or zoological story, besides serving for workrooms, are for the laboratory exercises and instruction of students in General Zoology under Professor Verrill. These rooms contain also large collections of specimens arranged in drawers and trays, which are open to special students in the department.

In the fourth story is a large Archæological collection, recently presented to the University by Professor Marsh. As the funds of the Museum are restricted to the departments of Mineralogy, Geology, and Zoology, the cases of the old Yale Cabinet were fitted up for this collection. The other rooms on the fourth floor and in the attic are in use for storage purposes.

The basement is devoted to workrooms and storerooms, and contains a vast amount of specimens, in the departments especially of Paleontology and Zoology. This part of the building is closed to visitors.

The exhibition-rooms are open from 9 A. M. to 6 P. M., except in the winter, when the hours are from 9 A. M. to 5 P. M. The janitor of the building is Mr. J. Rice, 92 High street.

THE OBSERVATORY

BOARD OF MANAGERS

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OFFICERS

WILLIAM LEWIS ELKIN, PH.D., *Director*
ROBERT BROWN, M.A., *Secretary*
FREDERICK LINCOLN CHASE, PH.D., *Assistant Astronomer*

THE OBSERVATORY has been built from the avails of the gift of the late Hon. Oliver F. Winchester, of New Haven, on land given by the late Mrs. Cornelia L. Hillhouse and her daughters. The principal astronomical instruments now in use are a six-inch Heliometer constructed by Messrs. Repsold, of Hamburg, an eight-inch Equatorial by Messrs. Grubb, of Dublin, given by the late Mr. Edward M. Reed, of New Haven, and an equatorially mounted set of Cameras for photographing meteors.

Besides its ordinary astronomical work, the Observatory maintains two public services. Continuous time-signals are transmitted from the distributing clock at the Observatory to the railroads and elsewhere. The Observatory offers facilities also to persons interested in accurate thermometry for the comparison of thermometers with standard instruments.

For the proper performance of these services the following equipment is in use:

1. Standard clocks, a transit instrument, chronographs, and the accessories for refined accuracy in the determination and transmission of time.

2. Apparatus for research and comparison in thermometry, including a collection of the best thermometers obtainable of the foreign makers and observatories which devote special attention to thermometric standards.

Descriptive circulars of the thermometric service may be obtained by addressing the Observatory.

By the will of Professor Elias Loomis, who died in 1889, the Observatory receives one-third of the income, and will ultimately receive the entire income, of a fund established by him and called the *Loomis Fund.* The income received is to be applied to one or more of the following objects only, namely, the payment of the salaries of observers whose time is exclusively devoted to the making of observations for the promotion of the science of astronomy, the reduction of astronomical observations, and the defraying the expense of publishing these observations and of publishing investigations based upon astronomical observations. The principal of the Loomis Fund is over three hundred thousand dollars.

THE COLLEGE CHURCH

The privileges of THE CHURCH OF CHRIST IN YALE COLLEGE are extended to all students of the University. The services are held in the BATTELL CHAPEL, a building completed in 1876, and erected mainly through the generosity of Mr. Joseph Battell of New York City.

The services in the Chapel are three-fold:

(1.) PRAYERS are held daily (Sundays excepted) at 8.10 A. M. The attendance of all students in the Academical Department is required. The services, which consist of Reading of the Scriptures, Prayer and Singing, are conducted this year by the following officers of the University:

September 27–October 24, . . .	Professor Perrin.
October 25–November 21, . . .	Mr. Stokes.
November 22–December 19, . .	Professor Sneath.
January 8–February 4, ...	Professor C. S. Baldwin.
February 5–March 4, ...	Professor Phelps.
March 5–April 3, ...	Professor Sanders.
April 11–May 8, ...	Professor Bacon.
May 9–May 29, ...	Professor Seymour.
May 30–June 18, ...	Professor Schwab.

(2.) PUBLIC WORSHIP is held every Sunday at 10.30. Attendance of students in the Academical Department is required, unless they obtain special permission from the Dean to worship elsewhere. Appointments for the Sunday services are made by a Joint Committee of the Corporation and Faculty, who endeavor to select as preachers those who, by their daily contact with active life and their knowledge of young men, are especially fitted to reach and influence a College audience. The preachers for the present year, as far as arranged at the date of publication of this Catalogue, are as follows:

September 30, Arthur T. Hadley, LL.D., President Yale University.
October 7, Rev. William R. Richards, D.D., Plainfield, N. J.
October 14, Rev. Alexander McKenzie, D.D., Cambridge, Mass.
October 21, John R. Mott, M.A., New York City.
October 28, Rev. Anson Phelps Stokes, Jr., M.A., Secretary Yale University.
November 4, Rev. Charles Cuthbert Hall, D.D., President Union Theological Seminary.
November 11, Rev. Amory H. Bradford, D.D., Montclair, N. J.
November 18, Rev. David J. Burrell, D.D., New York City.
November 25, Rev. Maltbie Babcock, D.D., New York City.
December 2, Rev. James W. Cooper, D.D., New Britain, Conn.
December 9, Rev. Albert J. Lyman, D.D., Brooklyn, N. Y.
December 16, Rev. George Purves, D.D., New York City.
January 13, Rev. Edward B. Coe, D.D., New York City.
January 20, Rev. Joseph H. Twichell, M.A., Hartford, Conn.
January 27, Rt. Rev. Henry C. Potter, D.D., LL.D., New York City.
February 3, Rev. Benjamin W. Bacon, Litt.D., D.D., Yale University.
February 10, Robert E. Speer, M.A., New York City.
February 17, Rev. James G. K. McClure, D.D., Lake Forest, Ill.
February 24, Rev. Edward M. Chapman, St. Johnsbury, Vt.
March 3, Rev. Henry Van Dyke, D.D., Princeton, N. J.
March 10, Rev. Professor Francis G. Peabody, D.D., Cambridge, Mass.
March 17, Rev. William R. Rainsford, D.D., New York City.
March 24, Rev. H. P. Dewey, D.D., Brooklyn, N. Y.
April 14, Rev. George A. Gordon, D.D., Boston, Mass.
April 21, Rev. Endicott Peabody, M.A., Groton, Mass.
May 12, Rev. James Buckley, D.D., New York City.
May 26, Rev. Charles E. Jefferson, D.D., New York City.
June 2, Rev. W. H. P. Faunce, D.D., President Brown University.
June 9, Rev. George Harris, D.D., President Amherst College.

(3.) A COMMUNION SERVICE is held on the first Sunday of each month in term time. It is conducted by the Acting Pastor of the College Church, Rev. Professor Bacon, assisted by the preacher of the morning. The invitation to it is extended to members of all Christian Communions.

THE GYMNASIUM

The GYMNASIUM is designed to provide all students of the University, not only with opportunities for general exercise, but also with the means of caring for the body in accordance with the laws of hygiene. It also provides for specific training in view of any physical defects that may be remedied by rational superintendence.

The Department is under the supervision of a Director, assisted by two Associate Directors, both of whom are trained physicians.

The gymnastic training is designed to be progressive from year to year. The members of the different classes may take exercises in the various forms of gymnastics under the instruction of the Directors, and any student may enter the classes in general gymnastics. An instructor is always present in the main exercise-hall to direct individual or class work. All students requiring such care are assigned exercises suited to their special needs.

A thorough physical examination and measurement is offered each student yearly, and a record of the results is kept as a basis of advice as to exercise and regimen. An examination of these records shows that the standard of health of the average student improves during his college course.

For the welfare of the students the following rule has been passed by the Corporation :

Required that every man who presents himself for exercise in the gymnasium, or who desires to use its privileges, should first submit to a physical examination by one of the Directors ; or, in default of such an examination, should bring from his physician a written certificate (the form to be furnished by the Director) that he is physically sound ; or a written certificate from his parent or guardian that he wishes the student excused from the examination and that he himself will take the responsibility of exercise without a previous examination.

An elective course is provided for the Senior class as set forth in the prospectus of elective studies. (See course 328.) This provides training in hygiene and gymnastics for those who intend to teach or to supervise the work of physical training in educational institutions. Dr. Seaver gives a course of lectures on elementary physiology and sanitary science. Dr. Anderson gives lectures and lessons in the theory and practice of gymnastics.

There are several prizes offered for excellence in physical work.

The new Gymnasium, erected by graduates for the use of the University, was opened in 1892. The arrangement of the building is in general as follows: the location is on the north side of Elm street, and the front is 138 feet, while the depth is 86 feet. The entrance is by an archway at the east end, which leads through the building to a large lot in the rear that affords room for outdoor exercises, such as throwing the hammer, putting the shot, hurdling, pole-vaulting, jumping, etc.

The basement is reached by an entrance from the lot, and contains an engine-room, a laundry, a bath-room with twelve tubs, each provided with a shower and douche, toilet-rooms, a room with two bowling-alleys, and a room for base-ball teams.

The first floor contains the spacious entrance-hall, or vestibule, a dressing-room for athletes, with bath and toilet-rooms for their special use, a complete equipment of lockers, baths, a swimming-pool (28 x 50 feet), a Turkish bath, and two rowing-tanks large enough for eight-oar crews.

The second floor is occupied by offices, club-rooms, and a large dressing-room, with shower-baths and toilet-rooms adjoining. This room now has over one thousand ventilated lockers, with space for a thousand more whenever they may be needed.

The Gymnasium is open from 9.30 in the morning until 9.30 at night. Graduate and undergraduate students are entitled to the use of the tub and Turkish baths upon the payment of a small fee.

THE DINING HALL

The YALE DINING HALL, adjacent to the College square, is under the direct control of the University and furnishes board at cost (approximating $4.00 per week). The Hall contains seats for 450, and is open to officers and students of all Departments—the preference being given to undergraduates, in case applications are in excess of the accommodations. A bond of $500 is required by the Treasurer of the University for each student admitted to the Hall, and the price of board is charged on the regular term-bill. Application for seats at the table must be made to the Steward, Mr. J. Q. Tilson.

The Bicentennial Memorial Buildings, now in process of construction, will contain University Hall, which will take the place of the present Dining Hall. It will be opened the Fall of 1901, and will provide accommodations for over one thousand students.

THE INFIRMARY

The YALE INFIRMARY is situated on Prospect street in a healthy and beautiful part of the city. Its privileges are extended to students in all Departments of the University. The Infirmary was built in 1892 at a cost of about $40,000, raised by subscription among friends of the University. One dollar is charged on the Treasurer's bill for each day that a student remains in the Infirmary. Mrs. Anderson, a competent matron, is in residence, but the choice of physician rests with the patient.

PART V

UNIVERSITY LECTURE COURSES AND PRIZES

THE YALE PUBLIC LECTURES

IN COÖPERATION WITH

THE NEW HAVEN UNIVERSITY EXTENSION CENTRE

A series of forty lectures under the above title has been arranged for the season of 1900–1901. This series is the outgrowth of the lectures given for the past six years by the New Haven University Extension Centre, and of the courses offered to Teachers by Yale University for the past four years, and is a popular presentation of systematic instruction in Literature, Science, History, Art, and Music. The subjects in general are treated in a more scholarly manner than in the magazines, although they are presented in popular language. A number of the lectures, especially those in Science and Art, are illustrated by lantern slides and apparatus.

In this series there are two dramatic recitals, and three lectures on Educational Theory. The latter are of vital interest to the general public as well as to professional teachers. Most of the lectures are given in connected courses of four, running through as many weeks. A syllabus for each of such courses, together with a selected list of books for collateral reading, is issued.

These lectures for the most part are given in College Street Hall, Yale University. Those requiring the use of the lantern and specially devised apparatus are held in North Sheffield Hall. As a general rule, lectures are given on Wednesday and Friday evenings.

The price of a season ticket is three dollars.

Letters of inquiry may be addressed to Mr. Willis K. Stetson, Free Public Library, where circulars may always be found giving dates of lectures, syllabus, etc.

The list of lectures for the year follows:

sor LOUIS V. PIRSSON,
Work of Volcanic Agencies.

ORGE RIDDLE,
Reading—The Midsummer Night's Dream.
Reading—Lucrezia Borgia.

r JOHN M. TYLER,
ie Fundamental and the Accessory in Education.

RY VAN DYKE,
bert Louis Stevenson.

ARTHUR M. WHEELER,
ish Rule in India:
The Administrative and Financial Side.
The Industrial, Judicial, and Military Side.
The Social, Educational, and Religious Side.
d.

CALEB T. WINCHESTER,
m Hazlitt, 1778–1830.
s Lamb, 1775–1834.
Wilson, 1785–1854.
as De Quincey, 1785–1859.

UNIVERSITY LECTURES AND CONCERTS

LECTURE COURSES

In addition to the Yale Public Lectures and the courses regularly offered in connection with the Curriculum, there is a large number of LECTURE COURSES, given under the auspices of the various University departments and organizations. These lectures are open to all students of the University.

The LYMAN BEECHER LECTURES ON PREACHING. This lectureship was founded in 1871 by a gift of ten thousand dollars from the late Henry W. Sage, then of Brooklyn, N. Y. It is filled by the appointment by the President and Fellows, of a minister of the Gospel, of any evangelical denomination, who has been markedly successful in the special work of the Christian ministry. The lecturer for this year is Rev. George A. Gordon, D.D., of Boston, Mass. His subject will be: *Ultimate Conceptions of Faith.*

The DODGE LECTURES ON THE RESPONSIBILITIES OF CITIZENSHIP. This lectureship, founded in 1900 by a gift of thirty thousand dollars from William E. Dodge, Esq., of New York City, has as its object the promoting among "students and graduates, and among educated men of the United States, an understanding of the duties of Christian citizenship and a sense of personal responsibility for the performance of those duties." The Lecturer for this year is Hon. David J. Brewer, LL.D., of Washington, D. C.

The TROWBRIDGE LECTURE COURSE. This course was established in 1899 through a gift of five thousand dollars from Rutherford Trowbridge, Esq., of New Haven. This gift constitutes the Thomas R. Trowbridge Fund. The lectures are given every year in the School of the Fine Arts. The lecturers and subjects for this year are as follows:

Professor HAMLIN, of Columbia University,
English Cathedral Architecture.
Mr. BARR FERREE, of the Brooklyn Institute,
The Cathedrals of Amiens and Reims.
Professor TROWBRIDGE, of Cornell University,
Architectural Appreciation.
Professor WARREN, of Harvard University,
The Early Renaissance in Italy.

The BROMLEY LECTURES ON JOURNALISM, LITERATURE, AND PUBLIC AFFAIRS. These lectures are provided for by the gift to the University in 1900 of five thousand dollars. It is the wish of the donor, Mrs. Adelaide E. Bromley, that the lectureship should be a memorial to her husband, the late Isaac H. Bromley, of the class of 1853. Two or more lectures are given annually by men of distinction, on subjects connected with Journalism, Literature, or Public Affairs, it being understood that a lecture on Journalism be arranged as often as once in four years.

The DWIGHT HALL LECTURES, arranged for by the Yale Young Men's Christian Association, are given every year by men of distinction. The subjects treated are mainly of a moral and religious character.

The SHEFFIELD LECTURES (formerly the Mechanics' Course) are provided by the authorities of the Sheffield Scientific School. The subjects cover a broad field, and the lectures are often illustrated.

The AMERICAN LECTURES ON THE HISTORY OF RELIGIONS are given annually by some distinguished foreign scholar who visits this country under the auspices of several of the leading universities. The lectures this year will be given by Dr. Edouard Naville, of Geneva.

The MEDICAL ALUMNI LECTURES, two in number, are given annually.

The PHI BETA KAPPA Society, the KENT CLUB of the Law School, and the LEONARD BACON CLUB of the Theological School also arrange for public lectures from time to time.

A course of LECTURES ON CHINA has been arranged this year by the Department of Mission Study in the Theological School. The course consists of ten lectures by Professor F. Wells Williams, Rev. George B. Smyth, D.D., of the Anglo-Chinese College, Foochow, and Rev. Harlan P. Beach, of the Student Volunteer Movement.

The BERKELEY SERMONS are given under the auspices of the Berkeley Association of the University, in one of the Episcopal Churches of the city, The preachers and subjects for this year will be as follows :

Rev. WILLIAM R. HUNTINGTON, D.D.,
The Source of Authority in Religious Thought.
Rev. DAVID H. GREER, D.D.,
Is God Knowable?
Rev. E. WINCHESTER DONALD, D.D.,
The Divinity of Christ.
Rev. CHARLES A. BRIGGS, D.D.,
The Inspiration of the Bible.
Rev. WILLIAM S. RAINSFORD, D.D.,
The Immortality of the Soul.

CONCERTS

The following opportunities in Music are open to all students of the University, a small fee being charged for the Chamber and Symphony Concerts.

The CHAMBER CONCERTS. These concerts are given occasionally during the winter months by the Kneisel and the Adamowski Quartettes of Boston.

The SYMPHONY CONCERTS. These concerts, six in number, are given by the New Haven Symphony Orchestra under the direction of Professor Parker. Classical and modern programmes are rendered, with the assistance of the best solo talent.

ORGAN RECITALS. Recitals, generally about ten in number, are given in the Battell Chapel by Professor Jepson. The programmes represent the old and modern masters of organ literature.

UNIVERSITY PRIZES

The JOHN A. PORTER PRIZE, of the value of two hundred and fifty dollars, established by the Kingsley Trust Association in 1872, is offered for the best English Essay on a prescribed subject. Competing essays must be handed in after the close of the Spring Recess, and the award will be announced on Commencement Day. Any person who has been pursuing a regular course for a degree in any Department during the whole of the current College year, may compete for this prize. If none of the competing essays is of sufficient merit, the prize will not be awarded.

The subjects for Essays in 1901 are as follows:—

1. Political Dissent.
2. Platonism in English Poetry.
3. Recent Changes in Regard to the Seat of Authority in Religion.
4. The Northern Boundary of Greece (Treated historically and diplomatically.)
5. Relative Position of the Germanic and the Latin Peoples in the 16th Century and To-day.
6. Symbolism in Modern French Literature.
7. Cotton Mather.
8. Poetry of the Civil War.
9. Western Christendom in 1300.
10. Parliamentary Reform in England in 1831–32, and Electoral Reform in France in 1847–48. A study in comparative politics.
11. Origin and Character of the Jewish Sect of Essenes.

The essays, which should be signed by an assumed name and accompanied by a sealed envelope containing the writer's full name, will be due on May 1, in the care of the Editor of the Yale Alumni Weekly, P. O. Drawer M, New Haven. Special information concerning the competition may be secured by sending to this address.

The DANIEL C. EATON GRADUATE SCHOLARSHIP IN BOTANY is endowed with the income of a fund of two

thousand dollars, given by Mrs. Eaton in 1897 to found a Graduate Scholarship in Botany in commemoration of her husband, the late Professor Daniel C. Eaton. This scholarship, in the graduate department, will be open for competition to members of the Senior Classes in the Academic and Scientific departments, on conditions to be prescribed by the Governing Board of the Sheffield Scientific School.

The BENNETT PRIZE, being the income of a fund of one thousand dollars, given in 1893 by James Gordon Bennett, Esq., of New York City, is awarded annually on Commencement Day to that undergraduate member of the Senior class in either the Academical Department or the Sheffield Scientific School, who shall have pursued courses in Political Science and English Literature, and shall have prepared the best essay, in English prose, upon some subject of contemporaneous interest in the domestic or foreign policy of the United States government, selected by the Faculty.

The COBDEN CLUB SILVER MEDAL is awarded annually to that undergraduate of either the Academical Department or the Sheffield Scientific School who shows the greatest proficiency in the elements of Political Economy.

The COOK PRIZE IN POETRY.—A prize of fifty dollars is offered by Professor Cook for the best unpublished poem. Competition is open to students of the University in all departments. If none of the competing poems is of sufficient merit, the prize will not be awarded. The poems, which should be signed by an assumed name, and accompanied by a sealed envelope containing the writer's full name, will be due on April 15, and may be handed in at the Chittenden Library.

The JACOB COOPER PRIZE IN GREEK PHILOSOPHY, established in 1900 by the gift of five hundred dollars from

Professor Albert S. Cook, is awarded in any year by the departments of Greek and Philosophy to such student of the University, being a person of high attainments and ability, as shall pass the best examination in the *Metaphysics* and *Organon* of Aristotle and shall submit the best thesis upon some topic drawn from one of these works and announced publicly at a convenient time in advance.

PAYMENT OF FELLOWSHIPS, SCHOLARSHIPS AND PRIZES

The following Fellowships, Scholarships and Prizes are paid at the office of the Treasurer of the University. Fellowships and Scholarships as a rule are paid each in three installments, one of which is due and payable on the day before the end of each college term. Prizes are paid when awarded.

SCHOLARSHIPS

All Graduate Department Scholarships, Academical Department Scholarships and the Leavenworth Scholarship and Waterman Scholarship.

In the Theological Department, the Allis, C. Atwater, E. E. Atwater, Beadle, Borden, Boswell, Bull, Clark, De Forest, Dunham, Eakin, Ellsworth, Fitch, Fogg, Fowler, Gabriel, Goodman, Hawes, Hillhouse, Hotchkiss, Jarman, Leffingwell, McEwen, Mather, Nichols, Porter, Root, Salisbury, Seminary, Seymour, Smith, E. Trowbridge, T. R. Trowbridge, Wells, and Williams Scholarships.

In the Music Department, the Lockwood and Steinert Scholarships.

FELLOWSHIPS

All Graduate Department Fellowships.

In the Academical Department, the Douglass, Eldridge, Foote, Hurtt, Larned, Macy, Silliman, Sloane and Soldiers' Memorial Fellowships.

In the Theological Department, the Hooker and the Dwight Fellowships.

PRIZES

In the Academical Department, the DeForest Gold Medal, and the Benjamin F. Barge Mathematical Prizes.

In the Theological Department, the Downes Prizes.

In the Law Department, the Townsend Prize.

In the Art School, the Alice Kimball English Prize, the Ethel Walker Prize and the Wm. Wirt Winchester Prize Fellowship.

PART VI

DEGREES AND HONORS, 1900

DEGREES CONFERRED IN COURSE

BACHELORS OF ARTS

Benjamin Stearns Adams
Frederick Baldwin Adams
James Pinckney Adams
Walter Maxwell Adriance
Earle Alexander
Frederic Winthrop Allen
Edwin Carlos Andrews
Robert Lawrence Anthony
Harold Sears Arnold
Frank Marion Atterholt, Jr.
William Holt Averell, Jr.
Harry Woodruff Babcock
John Harry Bailey
Alanson Judson Baker
George Merrick Baker
Roscoe Chase Baker
Lucius Barnes Barbour
Norman Bardeen
James Whitney Barney
Albert Munger Barrell
George Hiram Bartholomew
William Chipp Bartholomew
Norman Williams Bartlett
Stephen Russell Bartlett
Frederick Pomeroy Bassett
Ernest Turrell Bauer
Harry Judson Beardsley
Allister McDonald Bell
Cogswell Bentley
Edward Houston Bindley
Hugh Taylor Birch, Jr.
Howard Bissell
Frederick Arthur Blount
Howard Boocock
Edward Green Bradford, Jr.
Morgan Bulkeley Brainard
Charles Edward Brinley
Sidney Gray Bristol
John Penn Brock
Clarence Whittlesey Bronson
Ezekiel Stoddard Bronson
Howard Logan Bronson
Charles Stephen Brooks
Kenneth Bruce
Jerome Herman Buck
Winthrop Buck
Kenneth Lovejoy Burns
John Roberts Bushong
Albert Norton Butler
Stuart Brown Camp
John Herbert Campbell
Shiras Campbell
Charles Pond Capen
Robert Davis Carey
Franklin Carter, Jr.
DeWitt Bellinger Casler
Donald Chappell
Frank Dexter Cheney
Walter Lyon Chittenden
John Werden Clark
Thomas Benedict Clarke, Jr.
William Rockwell Clarke
Arthur Wilfred Clement
William Sloane Coffin
George Musalas Colvocoresses
Edwin Congdon, Jr.
Norman George Conner
Frank Cummings Cook
Louis Aldrich Cook
Foster Crampton
Zenas Marshall Crane
Frank Taylor Crawford

Morton Starr Cressy
Walter Eaton Crittenden
Francis Cross, Jr.
John Walter Cross
Richard Dudley Currier
Jesse Dwight Dana
Earl Ellithorpe Davidson
Joseph Edward Davis
Sidney Butler Dean
John Walter Decrow
Robert Leonard Dodd
Malcolm Douglas
Harry Augustus Dow
Clare Hill Draper
Dwight Chandler Drew
Guilford Duncan
Edward DeLancey Eaton
Frank Wales Eaton
Richard Alvin Eble
Stanley Wells Edwards
Edward Porter Eggleston
Stephen Benton Elkins, Jr.
Christopher Pegues Ellerbe, Jr.
Edward Clarence Ellsbree
Henry Edwards Ellsworth
Arthur Edgar Ely
Sigismund Engelking
Orville Devere Estee
Edward Bathurst Fackler
Eugene Francis Farley
Leon Farr, B.S.
Doane College 1895
John Sherlock Ferguson
Robert Ferguson
Frank Farwell Ferry
Frank Edson Field, B.A.
Western College 1899
Henry Martyn Field
Irving Leonard Fisher
Wilfred Lester Foster
Alanson Gibbs Fox
David Rowland Francis, Jr.
Thomas Emlen Franklin
Charles Henry Frederick
Herbert Brewster Fuller
William Frederick Gillespie
Frederic William Gladding
Clifford Joseph Gleason
John Elwin Gleason
Maurice Philippe Gould
Arthur Harmount Graves
George Green
Edward Belden Greene
Edward Chace Greene
James Cowan Greenway
Harold Humphrey Hackett
Frank Eugene Hale
William Rodman Hamlin
John Bryant Hartwell
Pinkney Settle Hargrove, B.A.
Baylor University 1898
Frederick Charles Havemeyer
Pliny Harold Hayes
Harry Heaton
Lyman Cook Hedge
Thomas William Hefferan
Howard Covode Heinz
Burns Henry
Edward Buffum Hill
William Beck Hills
George Lyman Hinckley
Robert Taylor Hinton, M.A.
Georgetown College (Ky.) 1899
Leonard Albert Hochstadter
John Morgan Hopkins
Thomas Andrews Howell, Jr.
Christopher Hall Howes
George Wolcott Hubbell, Jr.
Clarence Powell Hulst
Henry Thomas Hunt
Ralph Emerson Hutchinson
Hopkin Jenkins
Herbert Russell Jenney
Dale Crawford Jennings
Bascom Johnson
Harry Otis Johnson
William Savage Johnson
Charles Jones

William Moses Jones, B.A. Baylor University 1899
John Everett Keach
Raymond George Keeney
Charles Alexis Kellogg, Jr.
Franklin Kennedy
Lucius Collinwood Kingman
Allen Irving Kittle
John Henry Klosterman
Irving Gilliss Knox
Preston Kumler
Timothy Aloysius Leary
Ashley Day Leavitt
Samuel Samter Levy
Kenneth Dwight Lippincott
Vincent Paddock Lobdell
Frederic Irving Lockman
Hollister Logan
James Phinney Lombard
Maurice Ennis Lombardi
James McMaster Long
Gilbert Lovell
Cortlandt Francis Luce
George Armstrong Lyon, Jr.
Malcolm Lee McBride
Thomas McCandless
George Sterling McCartin
Frank Mitchell McClenahan, B.A. Tarkio College 1896
Joseph Medill McCormick
Robert McCormick
Robert Hall McCormick, Jr.
William Marsh McCutchen
Ernest Clare McGouldrick
Charles Wylie McKelvey
Alexander Louis McKenzie
William Chase Mackey
John Fisher McLane, B.A. Westminster (Pa.) College 1899
Allan MacLean
William Raymond Maloney, Jr.
William Proctor Malony
Samuel Clinton Marty
Herbert Edwin Medway
Frederick Benjamin Merrels
Dunlevy Milbank
Jesse Wright Miller
Rutger Bleecker Miller
Matthew Mills
William Ernst Minor
Warner Moody
Hobart Moore
Joy Leslie Moore
Sydney Byron Morton
Henry Leo Moses
Fred Nash
William Horatio Nelson
Thomas Davidson Newmyer
James Henry Niedecken
Wesley Eugene Nims
Eugene Walter Ong
Herman Max Opitz
Clarence Eugene Ordway
Walter Lavallette Otis
Brace Whitman Paddock
Charles Randolph Page
Walter Sharp Page
Dudley Chapin Palmer
Roland Swift Palmer
Edwards Albert Park
Roswell Miller Patterson
Leonard Adolph Peck
Roger Crossman Peck
Frank Denison Pendleton
John Dodge Peters
John Cleveland Phillips
John Calhoun Pickett
Edward Rundel Pidgeon
William Lorimer Porter, B.A. Tarkio College 1896
Horace Martyn Poynter
Henry Oscar Price
Oscar Stoddard Pulman, Jr.
John Pierrepont Rice
William Gray Ricker
Pliny Sexton Riggs
Reuben Buck Robertson
Charles Prescot Robinson

Percy Avery Rockefeller
Edward Clary Root
Sidney Clarence Rosenberg
Adolph Hirsch Rosenfeld
Frank Henry Russell
Robert Russell
Harry Granville Sanders
Walter Sidney Sanford
William Edgar Schoyer
Richard Jewett Schweppe
Warren Bartlett Seabury
Walter Corwin Senger
William Edward Seymour
George Cass Shelby
George Melville Shepherd
Arthur Leighton Sherman
Wilfrid Halsted Sherrill
Franklin Victory Sikes
George Welch Simmons
David Stanley Smith
Harrison Preservèd Smith
Herbert Raymond Smith
Rollin Aaron Spalding, Jr.
Chauncey Blair Spears
Howard Speer
Thomas Stack
Charles Alexander Starne
Charles Stetson
Robert Stevenson, Jr.
Mason Albert Stone, Jr.
Lyman Brumbaugh Stookey
William Brewster Stoskopf
Corliss Esmonde Sullivan
Thomas Walter Swan
Charles Christian Swartz
Hulbert Taft
Edward Hubbert Tatum
Warner Varnum Taylor
George Bremner Tennant
David Ogle Thomas
Charlton Brice Thompson
Elbert Nevius Sèbring Thompson
Warren Parsons Thorpe
Charles Lewis Tiffany, 2d.
William Evarts Tracy
Charles Terry Treadway
Carlisle Bronson Tuttle
Raymond Lathrop Tweedy
Reuben Carter Twichell
Albert William VanBuren
Albert VanderVeer, Jr.
Laurence VanDyke
William Jerome Vogeler
Philip Corey Walcott
Gardner Colby Walworth
Arthur Gustavus Ward
Edgar Percy Ward
Thomas Watson
Louis Schneider Weaver, B.A. Pennsylvania Coll. 1899
Charles Ellingham Weeks
Rudolph Frederick Weichert
William Howard Weiss
Harry Hubbard Wells
Sidney Adams Weston
George Hoyt Whipple
George Newell Whittlesey
Arthur Collins Williams
Herbert Gilman Williams
William Biddle Williams
William Kingsley Williams
Charles Hulbert Wilson
Keyes Winter
Frederick Harvey Winters
Harry Parker Wood
Sydney Mixsell Wood
Herbert Charles Zellhoefer

BACHELORS OF PHILOSOPHY

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Gilmor Meredith Barroll
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William Knight Brown
Hugh Eleazer Burbank
Irving Edward Burdick
Coler Campbell
George Lester Carlisle, Jr.
Frederic James Carnell
Everitte St. John Chaffee
Walter Thomas Charles
Harry Albert Chase, B.S.
University of Colorado 1899
Alfred Knight Chittenden
Alfred Tennyson Clark
Edwin Hill Clark
Kenneth Kingsley Clarke
Alfonzo Rockwell Cluett
John Edward Collins
William Wakefield Corbet
William Lathrop Cowdrey
Edward Clarence Dean
Francis McLean Dickinson, Jr.
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Wyllis Edmund Dowd, Jr.
Charles Tarbell Dudley
George Walter Dudley
Samuel William Dudley
Henry Forrest Dutton, Jr.
Amos Trowbridge Dwight
Malcomb Mayer Eckhardt
William Joseph Ehrich
Carl Brandes Ely
John Ralph Emerson
John Will Falls, 2d.

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Arthur George Follett
William Hanover Fulton
Harry VanVleck Gifford
Ransom Hooker Gillet
Albert Valdemar Gude
Perry Titus Wells Hale
William Edwin Hall
Walter Theobald Hartmann
Richard Hays Hawkins
Edgar William Heller
Charles Nelson Hickox, 2d.
Francis Patrick Holden
John Alfred Holland
Robert Murray Hosley
Henry Stuart Hotchkiss
Edward John House
Frederick George Hughes
Norman Roscoe Huselton
John Hamilton Inman
James Duane Ireland
William Purviance Irwin
Edward Lee Ives
George Rufus Johnson
Alexander deTrofimoff Jones
Trumbull Kelly
Francis Julian Kennett, Jr.
Eden Beers Knowlton
Charles Scott Landers
George Lauder, Jr.
Arthur Russell Leeds
Walter Lewisohn
Clarence Hardin Littell
Charles Davenport Lockwood
Henry Luther Loomis
Irving Luria Lyons
Charles Cogswell McCord
Henry Franklin Merriam
Mikael Minassian
Theodore Langdon Montague
John William Morey
James Gasherie DeWitt Morrell
George Henry Murray, Jr.

Francis Patrick Nolan
Charles Joel Parker
Marshall Custer Parshall
James Graham Parsons
Harry Hubbard Pittinger
Harry Longyear Preston
Frederick William Renshaw
Howard Richards, Jr.
Ira Richards, Jr.
Herbert Robinson Rising
William Cary Ross
Jasper Morgan Rowland
Francis Augustus Ruggles
Edward John Rungee
Edwyn deNormandie Sands
Orville Hickok Schell
Chaloner Baker Schley
Herbert Frank Seward
Lee Simon Shoninger
Edmond Norton Skinner
Ellsworth Johnson Smith
Edwin Newton Snitjer
Jesse Wheat Speidel
Charles Comfort Starr
Paul Sterling
Elihu William Stevens
Henry Daniells Stowe
William Strobridge
Louis Henry Strouse
Robert Barry Sullivan
Samuel Brady Sutphin
Waitstill Hastings Swenarton
John Foster Symes
Charles Musier Taintor, Jr.
Wyatt Warner Taylor
Raynham Townshend
Philip Troup
Frank Pell Underhill
Andrew Gideon Underwood
William Hall Upham
Rufus Adrian VanVoast
Richard Varick VanVredenburgh
Carl Louis Vietor
Edward Mansfield Walker
John Murray Watts
Herman Armour Webster
John Egbert Wheeler
George Benjamin White
William Henry White
Abraham Wolodarsky
Cornelius Delano Wood, Jr.
Carlton Hulbert Woodruff

BACHELOR OF FINE ARTS

Frederick Remington

BACHELOR OF MUSIC

Lola Phinney

BACHELORS OF LAWS

Harry Browning Agard
Milton Bacharach
Walter LeGrand Bevins
Julian Byron Bourne, B.A.
Marshall College 1897
Orrin Melville Clarke, B.A.
Yale University 1898
William Francis Conway, *cum laude*
Thomas Christopher Coughlin
William Vincent Devitt
John Warren Edgerton, B.A.
Trinity College 1894
M.A. Yale University 1896, *cum laude*
George Joseph Finnegan

Leo James Flynn, LL.B.
University of Iowa 1899
Robert Hubbard Gould, B.A.
Yale University 1898
Albert William Haigh
Thomas Francis Hickey
Lorenzo William Housel, B.A.
Yale University 1897
Leslie Elmer Hubbard
Franklyn Laws Hutton
Ernest Lockwood Isbell
Warren Bowditch Johnson, B.A.
Yale University 1898
David Kempner
Francis Joseph Kinney
Simon Herman Kugel
Wallace Rutherford Lane
Franklin Atkins Lord, B.A.
Yale University 1898
John Lindsey Lyman
Samuel Howard McCain
William John McConnell
Walter Dunham Makepeace, B.A.
Yale University 1897
M.A. Yale University 1899
William John Malone
James Archibald Marr, B.A.
Bates College 1897
George Alphonsus Mullen
Herbert David Palmer, B.S.
Southern Iowa Normal 1895
B.A. Yale University 1898, *magna cum laude*
George Hazard Pearce
Alfred Silliman Perry
William Roger Pitkin
Archibald Weaver Powell, M.S.
California Normal 1894
George William Rourke
Nathan Ayer Smyth, B.A.
Yale University 1897
M.A. Yale University 1899, *cum laude*
John Avery Spaford
Welles Kirk Stanley, B.A.
Ohio Wesleyan University 1895
Benjamin Davis Troutman
Clayton Humiston Tyler
Frederick Lee Vandeveer
Ernest Hubbard Wells, B.A.
Yale University 1893
George Zahm, *magna cum laude*

BACHELORS OF DIVINITY

George Ferdinand Abel, B.A.
Gettysburg College 1897
John Henry Alexander, B.A.
Princeton University 1894,
B.D. Auburn Theol. Seminary 1897
Otto Anderson, B.A.
University of Wisconsin 1894
Oliver Perry Avery, B.A.
Colorado College 1899
Arthur Ward Bailey, B.A.
Williams College 1896
William DeVerne Beach, B.A.
Yale University 1897
George Manley Butler, B.A.
Amherst College 1897
Loring Bertie Chase, B.A.
Amherst College 1897
Clement George Clarke, B.A.
Yale University 1895
Charles Frederick Fisher, B.A.
Doane College 1897
William Milton Hess, B.A.
Yale University 1896
PH.D. Yale University 1899
William Harvard Holloway
George Jones, B.A.
Amherst College 1896
Joseph Bardwell Lyman, PH.B.
New York University 1894
Charles Greenway Marshall, B.A.
Oberlin College 1897
George Redington Montgomery, B.A.
Yale University 1892,
LL.B. Yale University 1894

James Malcolm Nicol, B.A.
University of Toronto 1897

Naboth Osborne, B.A.
Syracuse University 1897

Benjamin Franklin Root, B.A.
College of Emporia 1897

Jay Birney Stanton, B.A.
Amity College 1897

William Weber

John Edward Whitley, B.A.
Drury College 1897

Arthur Vyne Woodworth, B.A.
Amherst College 1893

MASTERS OF ARTS

George Irving Adams, B.A.
Yale University 1891

James Truslow Adams, B.A.
Brooklyn Polytechnic Institute 1898

Arthur Henry Bartlett, B.A.
Yale University 1898

John Joseph Blythe, M.A.
Ohio Wesleyan University 1897,
B.D. Wesl. Theol. Coll. Montreal 1899

Thomas Ludlow Clarke, B.A.
Yale University 1897

Henry Sloane Coffin, B.A.
Yale University 1897

Winfield Hazlitt Collins, B.A.
Western Maryland College 1894

William Lee Corbin, B.A.
Amherst College 1896

William Hazen, B.A.
University of Vermont 1893

Frazer Hood, B.A.
Southern Presbyterian Univ. 1896

Robert Ernest Hume, B.A.
Yale University 1898

Frank Mason Jeffrey, B.A.
Yale University 1896

Jiroku Kawabe,
Doshisha University, Japan, 1893

Edmund Clarence Norton, B.A.
Amherst College 1880

Alexander Pratt, Jr., B.A.
Trinity College 1898

Albert Sidney Reid, B.A.
Drake University 1896,
M.A. Drake University 1897

Alfred Ernest Richards, B.A.
Yale University 1898

William Edward Selin, B.A.
Yale University 1898

John Trumbull Swift, B.A.
Yale University 1884

Daniel Webster Terry, B.A.
Northwestern University 1892

Monroe Nichols Wetmore, B.A.
Yale University 1888

Minosuke Yamaguchi, B.A.
Lombard University 1897

Seiichi Yamaguchi,
Doshisha University, Japan, 1896

MASTER OF LAWS

Charles Ainsworth MacHenry, LL.B.
Cornell University 1898

MASTER OF SCIENCE

Otis Gridley Bunnell, PH.B.
Yale University 1892

CIVIL ENGINEERS

Howard Chapin Ives, PH.B.
Yale University 1898

William Crosby Marshall, PH.B.
Yale University 1890
M.E. Yale University 1894

DOCTORS OF MEDICINE

Edward Fiske Ashley, PH.B. Yale University 1897
William Edward Balmer, B.A. Yale University 1897
John Harry Diederichs Budau
George Lamb Buist, Jr., B.A. Yale University 1896
Russell Shepard Church
Frederick Coonley, B.A. Yale University 1896
Cyrus West Field
Nathan Leroy Griffin, *cum laude*
Carle William Henze
Thomas Vincent Hynes
John Wagner Ives
William John Maroney, *cum laude*
Herman Canfield Pitts, *cum laude*
Charles Oscar Purinton, PH.B. Yale University 1897
James Francis Quinn
Charles William Snyder, B.A. Fisk University 1896
Frank Willie Stevens
Harry Appleton Tarbell
Louis Joseph Thibault
Robert Graham Tracy
Wesley Grove Vincent, B.A. Yale University 1896
Noah Samuel Wadhams, PH.B. Yale University 1897
John George Williams
William Houston Wright

DOCTORS OF PHILOSOPHY

Ellen Cornelia Abbott, B.A. Vassar College 1892
Joseph Barrell, M.S. Lehigh University 1897
Ernest William Brown, PH.B. Yale University 1897
Arthur Bumstead, B.A. Yale University 1895
Alexander Cameron, B.A. Carleton College 1896
Herdman Fitzgerald Cleland, B.A. Oberlin College 1894
Louise Dodge
John Marshall Gaines, B.A. Yale University 1896
Karl Frederick Geiser, PH.B. Upper Iowa University 1893
Joseph Hall Hart, B.A. Yale University 1898
Herbert Edwin Hawkes, B.A. Yale University 1896
Clara Maria Hitchcock, PH.B. University of Chicago 1897
Agnes Hunt, B.A. Smith College 1897
Cloyd North McAllister, B.A. Yale University 1892
Irene Tanner Myers, M.A. Bethany College 1889
George Henry Nettleton, B.A. Yale University 1896
Edward Kramer Nicholson, B.A. Yale University 1896
Edward Thomas Owen, B.A. Yale University 1871
Paul Skeels Peirce, PH.B. Cornell University 1897
William Kent Shepard, PH.B. Yale University 1897
Robert Longley Taylor, B.A. Hamilton College 1882
Asa Currier Tilton, B.A. Yale University 1896
William Valentine, PH.B. Yale University 1897
Philip Patterson Wells, B.A. Yale University 1889
Charles Huntington Whitman, B.A. Colby University 1897
George Reber Wieland, B.S. Pennsylvania State College 1893

HONORARY DEGREES CONFERRED

DOCTORS OF DIVINITY

William Newton Clarke, B.A.
Colgate University 1861

Edward Dwight Eaton, B.A.
Beloit College 1872
B.D. Yale University 1875

DOCTORS OF LAWS

Lewis Atterbury Stimson, B.A.
Yale University 1863

Elihu Root, B.A.
Hamilton College 1864

MASTERS OF ARTS

Poultney Bigelow, B.A.
Yale University 1879

John Fairfield Dryden

Samuel Train Dutton, B.A.
Yale University 1873.

Henry Crosby Emery, B.A.
Bowdoin College 1892

Henry Solon Graves, B.A.
Yale University 1892

Charles Heald

Calvin Noyes Kendall,
Hamilton College 1882

Julian Kennedy, PH.B.
Yale University 1875

Joseph Porter

Robert Eliot Speer, B.A.
Princeton College 1889

Anson Phelps Stokes, Jr., B.A.
Yale University 1896

Charles Cutler Torrey, B.A.
Bowdoin College 1884

HONORS
IN THE SEVERAL DEPARTMENTS

THE ACADEMICAL DEPARTMENT

HONORS IN ALL STUDIES, CLASS OF 1900

ORATIONS

ALBERT WILLIAM VANBUREN
FRANK EUGENE HALE

SIDNEY ADAMS WESTON
THOMAS WALTER SWAN
GEORGE LYMAN HINCKLEY
HERMAN MAX OPITZ
GEORGE NEWELL WHITTLESEY
ELBERT NEVIUS SEBRING THOMPSON
JOHN BRYANT HARTWELL
ERNEST TURRELL BAUER
WILLIAM SLOANE COFFIN
HOWARD LOGAN BRONSON
CLARENCE WHITTLESEY BRONSON
ROBERT FERGUSON
ROGER CROSSMAN PECK
HARRY AUGUSTUS DOW
JOHN FISHER MCLANE
WILLIAM LORIMER PORTER
ARTHUR COLLINS WILLIAMS
LEON FARR

Walter Maxwell Adriance
John Harry Bailey
George Merrick Baker
George Hiram Bartholomew
Norman Williams Bartlett
Cogswell Bentley
Francis Cross, Jr.
Stanley Wells Edwards
Edward Clarence Ellsbree
Orville Devere Estee
Eugene Francis Farley
Frank Edson Field
Arthur Harmount Graves
William Rodman Hamlin
Edward Buffum Hill
William Savage Johnson
Charles Jones
Charles Alexis Kellogg, Jr.
Allen Irving Kittle
Samuel Samter Levy
Frederic Irving Lockman
Sydney Byron Morton
Henry Leo Moses
William Horatio Nelson
Leonard Adolph Peck
Frank Denison Pendleton
Horace Martin Poynter
John Pierrepont Rice
Harry Granville Sanders
Laurence VanDyke
Elisha Walker
Louis Schneider Weaver
William Howard Weiss
Sydney Mixsell Wood

Frederick Baldwin Adams
Robert Lawrence Anthony
James Whitney Barney
Stephen Russell Bartlett
Jerome Herman Buck
Winthrop Buck
John Roberts Bushong
Albert Norton Butler
Norman George Conner
Morton Starr Cressy
Edward DeLancey Eaton
Sigismund Engelking
Edward Bathurst Fackler
Wilfred Lester Foster
William Frederick Gillespie
Harry Heaton
Robert Taylor Hinton
William Moses Jones
Lucius Collinwood Kingman
James Phinney Lombard
Thomas McCandless
Frank Mitchell McClenahan
William Proctor Malony
Edward Rundel Pidgeon
Oscar Stoddard Pulman, Jr.
William Brewster Stoskopf
David Stanley Smith
Albert VanderVeer, Jr.
Philip Cory Walcott
George Hoyt Whipple
William Kingsley Williams

DISSERTATIONS

Charles Edward Brinley
DeWitt Bellinger Casler
George Musalas Colvocoresses
Walter Eaton Crittenden
Richard Dudley Currier
Sidney Butler Dean
Clare Hill Draper
Irving Leonard Fisher
Herbert Brewster Fuller
Frederic William Gladding
Clifford Joseph Gleason
John Elwin Gleason
Pliny Harold Hayes
Hopkin Jenkins
Hollister Logan
Alexander Louis McKenzie
Allan MacLean
Fred Nash
Wesley Eugene Nims
Brace Whitman Paddock
William Gray Ricker
Reuben Buck Robertson
Charles Prescot Robinson
Percy Avery Rockefeller
William Edgar Schoyer
Walter Corwin Senger
Charles Christian Swartz
George Bremner Tennant
David Ogle Thomas
Ralph Willis Thomas
Charlton Brice Thompson
Charles Terry Treadway
Raymond Lathrop Tweedy
Herbert Gilman Williams

DISPUTES

Edwin Carlos Andrews
Roscoe Chase Baker
William Chipp Bartholomew
Kenneth Bruce
Charles Andrews Carver
Donald Chappell
Arthur Wilfred Clement
Foster Crampton
Chauncey Morris Crawford
Robert Leonard Dodd
Dwight Chandler Drew
Edward Porter Eggleston
Henry Martyn Field
Charles Henry Frederick
George Green
Maurice Phillippe Gould
Pinkney Settle Hargrove
William Beck Hills
Franklin Kennedy
Ashley Day Leavitt
Kenneth Dwight Lippincott
Maurice Ennis Lombardi
George Sterling McCartin
Frederick Benjamin Merrels
Dunlevy Milbank
Rutger Bleecker Miller
Walter Sharp Page
Pliny Sexton Riggs
Frank Henry Russell
Warren Bartlett Seabury
George Melville Shepherd
Franklin Victory Sikes
Herbert Raymond Smith
Howard Speer
Edward Hubbert Tatum
Warren Parsons Thorpe
Edgar Percy Ward
Rudolph Frederick Weichert
Henry Parmelee Wickes

Earle Alexander
Frank Marion Atterholt, Jr.
William Holt Averell, Jr.
Norman Bardeen
Frederick Pomeroy Bassett
Harry Judson Beardsley
Howard Bissell
Charles Stephen Brooks
John Werden Clark
Arthur Edgar Ely
Frank Farwell Ferry
Frederick Charles Havemeyer
Dale Crawford Jennings
Bascom Johnson
Preston Kumler
James McMaster Long
Robert Hall McCormick, Jr.
Ernest Clare McGouldrick
Samuel Clinton Marty
Herbert Edwin Medway
Edwards Albert Park
James Warren Payton
John Calhoun Pickett
Sidney Clarence Rosenberg
George Welch Simmons
Charles Stetson
Lyman Brumbaugh Stookey
Charles Lewis Tiffany, 2d.
William Evarts Tracy
Reuben Carter Twichell
Charles Hulbert Wilson
Frederick Harvey Winters
Herbert Charles Zellhoefer

COLLOQUIES

Frederic Winthrop Allen
Harold Sears Arnold
Harry Woodruff Babcock
Edward Houston Bindley
Frederick Arthur Blount
John Penn Brock
John Herbert Campbell
Franklin Carter, Jr.
Walter Lyon Chittenden
Frank Cummings Cook
Stephen Benton Elkins, Jr.
John Sherlock Ferguson
Edward Belden Greene
Thomas William Hefferan
Howard Covode Heinz
Herbert Russell Jenney
Robert McCormick
Warner Moody
John Cleveland Phillips
Henry Oscar Price
Adolph Hirsch Rosenfeld
Arthur Leighton Sherman
Corliss Esmonde Sullivan
Hulbert Taft
Carlisle Bronson Tuttle
Gardner Colby Walworth
Edgar Percy Ward
Thomas Watson
Charles Ellingham Weeks
Harry Parker Wood

Benjamin Stearns Adams
Allister McDonald Bell
Sidney Gray Bristol
Ezekiel Stoddard Bronson
Edwin Congdon, Jr.
Frank Taylor Crawford
John Walter Cross
Jesse Dwight Dana
Christopher Pegues Ellerbe, Jr.
Thomas Emlen Franklin
Edward Chace Greene
Lyman Cook Hedge
Burns Henry
Henry Thomas Hunt
Vincent Paddock Lobdell
Gilbert Lovell
Cortlandt Francis Luce
George Armstrong Lyon, Jr.
William Marsh McCutchen
James Henry Niedecken
Clarence Eugene Ordway
Dudley Chapin Palmer
Edward Clary Root
Robert Russell
Mason Albert Stone, Jr.
Warner Varnum Taylor
Harry Hubbard Wells
William Biddle Williams

Honors in Special Studies

TWO-YEAR HONORS

In Natural Science:

Robert Lawrence Anthony
John Harry Bailey
Howard Logan Bronson
Walter Eaton Crittenden
Robert Ferguson
Wilfred Lester Foster
John Elwin Gleason
Arthur Harmount Graves
Frank Eugene Hale
John Bryant Hartwell
Roger Crossman Peck
Oscar Stoddard Pulman, Jr.
William Gray Ricker
Harry Granville Sanders
Albert VanderVeer, Jr.
George Hoyt Whipple
Arthur Collins Williams

In History:

Jerome Herman Buck
Winthrop Buck
Harry Augustus Dow
Stanley Wells Edwards
George Lyman Hinckley
Hopkin Jenkins
Robert Hall McCormick, Jr.
Rutger Bleecker Miller
Leonard Adolph Peck
Frank Henry Russell
Herbert Raymond Smith
Charles Stetson

In English:

Charles Alexis Kellogg, Jr.
Howard Speer
Elbert Nevius Sèbring Thompson
Warren Parsons Thorpe

In Political Science and Law:
George Hiram Bartholomew
Clarence Whittlesey Bronson
William Sloane Coffin
George Musalas Colvocoresses
Morton Starr Cressy
Richard Dudley Currier
Herbert Brewster Fuller
George Green
Samuel Samter Levy
Dunlevy Milbank
William Horatio Nelson
Frank Denison Pendleton
Charlton Brice Thompson
William Howard Weiss
Sidney Adams Weston

In Ancient Languages:
Francis Cross, Jr.
William Savage Johnson
Albert William VanBuren

In Modern Languages:
Edward Clarence Ellsbree

In Mathematics:
Elisha Walker

In Music:
David Stanley Smith

ONE-YEAR HONORS

In Philosophy:
John Fisher McLane
Horace Martin Poynter

In Natural Science:
Frank Cummings Cook
William Rodman Hamlin
William Lorimer Porter
Charles Christian Swartz
Louis Schneider Weaver

In Political Science and Law:
Stanley Wells Edwards
William Moses Jones
Walter Sharp Page

In History:
Stephen Benton Elkins, Jr.
Frank Edson Field
Dale Crawford Jennings
Lucius Collinwood Kingman
Frank Mitchell McClenahan
Walter Sharp Page
William Edgar Schoyer

In English:
William Frederick Gillespie
John Pierrepont Rice
George Bremner Tennant
William Kingsley Williams

Junior Appointments, Class of 1902

PHILOSOPHICAL ORATIONS

Frederic Burnham
Harry Baldwin Chamberlin
Sidney Norton Deane
William Hance
Philip Mead Howe
Harry Mortimer Hubbell
Benjamin Robbins Curtis Low
Arthur Crosby Ludington
Kersey Coates Reed
Charles Asaph Roberts
Charles Cooke Russ
Henry Camp Russ
Hugh Satterlee
Frank Huestis Sincerbeaux
James Alden Valentine

HIGH ORATIONS

Arthur Bryan Clark
Henry Elliott Colton
George Eugene Davis
Charles Paxson Flora
Charles Driver Francis
Arthur Benedict Hall
George Washington Hitner
Lucius Hudson Holt
Huc Mazelet Luquiens
Willard Blackinton Luther
Charles Duncan Miller
Harry Alfred Peters
Isaac Gray Phillips
Henry Lee Sweinhart
Louis Hart Talcott

ORATIONS

Gardner Abbott
Clarence Henry Adams
Krebs Beebe
James Brown
Graham Brush
Clement Hale Cochran
Richard Huntington Cole
William Stickney Creevey
Edward FitzGerald
Henry Larned Galpin
Robert Shaeffer Gast
William Potter Haines
Eugene Selden Leavell
Thomas Aloysius McAvoy
James Nelson Mandeville
Charles Conrad Meyer
Martin Peck Miller
Elwood Luther Orwig, Jr.
Robert Arthur Pritchard
Henry Suydam Reynolds
Albert Edward Roraback
Charles Felix Samson
Curtiss Aldrich Sanford
John Joseph Scanlan
Gustav Schwab, 4th
William Richard Sidenberg
Frank Joseph Sladen
Lyman Strong Spitzer
Bernard George Teel
Mason Trowbridge
Dorr Viele
Charles Dean White
Frederic Avérill Whittlesey

DISSERTATIONS

Coleman Emanuel Andel
Anthony Brown Arnold
Jacob Braun
Leonard Theaker Bushnell
Terry Joseph Chapin
Charles Cyprian Strong Cushing
Robert Bartlett Dresser
Alfred Franklin Escher
William Abraham Evans
Willard Horace Fanton
Nathan Roscoe Francis
William Benjamin Godfrey, Jr.
James Lester Goodwin
Theodore Brown Hewitt
James Crane Higgins
William Brian Hooker
Joseph Read Hunter
Edgar Allen Jones
Paul Jones
Frederic Rose Keator
Henry Sargent Mead
Frank Wells Nevins
Benjamin Judah Phelps
Albion Gile Pierce
Lucius Beverly Pond
Henry Clarke Thacher
Charles Seymour Thompson
Bradley Agard Welch

DISPUTES

Courtlandt Dixon Barnes
Charles Houghton Baxter
Louis Herbert Burlingham
Robert Haskell Cory
William Dean Embree
William Smith Garnsey, Jr.
William Thomas Garrett
Robert Perkins Griffing
William Worthington Herrick
Alfred Reed Hill
Frederick Francis Whitney Jackson
George Guy Murphry
Edwin Gates Norman
Clifford Herrick Owen
Roderick Potter
George Irving Rhoda
Charles William Smith
Morris Gardner Talcott
Willis Gaylord Tucker, Jr.
Arthur Stanley Wheeler

Oliver Sidney Ackley Jr.
Frederick Beers
Raymond Bissell
William Lyman Chase
Philo Douglas Clark
George Allen Dewey
Robert Hale Ives Goddard, Jr.
Frederic Prescott Griswold
Charles Sterns Hopkins
Brewster Terry Hudson
Floyd Welman Jefferson
Eugene Heitler Lehman
George Gould Lincoln
Roy Alton Lincoln
John Sample McKelvy, Jr.
Herbert Edwin Morris
Thomas Danford Potwin
Ralph Ryan
Joseph Rockwell Swan, Jr.
Richard Barber Tillinghast
Joseph Hill Walker

COLLOQUIES

Charles Seiser Baer
Francis Blackman Barnett
William Gates Bourn
Carl Willis Davis
David Sheldon Day
William LeRoy Dix
William Wheeler Duncan
Harold Chester Evarts
Allison Sweeney Fleming
Edward Lyttleton Fox
Lewis Burton Hall, Jr.
Henry William Hamlin
George Ainslie Hewett
William Alvin Higgins
Samuel Henry Howe, Jr.
John Joseph Hughes
James Wakeman Hubbell
Arthur Hurlburt Kinney
Merritt Proctor Lancaster
George Lear, 2d
Burton Howard Lee
George Walter Lindenberg
Ethelbert Ide Low
Frank Tucker Mason
Howard Olcott Mather
Christian Meyer, Jr.
George Woodward Noyes
Howard Weidner Pierce
Harry Miller Robbins
Henry Alexander Rogers
Herbert William Smith
Melville Alphonse Stern
Frederick Harvey Strong
Charles Denison Talcott
John Ferguson Tenney
John Jared Welsh
Bartlett Golden Yung

Louis Frederick Boder
Newton Case Brainard
John Alexander Callender
George Boone Carpenter
William Edward Clegg
William Francis Collins
Holland Sackett Duell
Charles Ring Foster
Charles Gould
Edwin Carleton Granbery
Raymond Gano Guernsey
Laurent Heaton
Henry Stewart Hooker
Leslie Morgan Johnston
John Clute McDowell
Norman Howell Mason
Roy Murdoch Mason
Graham Kingsbury Mellen
Malcolm Moore
Samuel Newman
Jay Morse Pickands
Edward Hammond Risley
Keith Spalding
George Emanuel Stansfield
Porter Steele
John Taber
Harry Warren Tompkins
Henry Goodman Waters
Arthur Yancey Wear
Percy Gardiner White
Mark Skinner Willing

THE SHEFFIELD SCIENTIFIC SCHOOL

CLASS OF 1900

GENERAL TWO-YEAR HONORS, FOR EXCELLENCE IN ALL STUDIES

Frederic James Carnell
John Edward Collins
William Wakefield Corbet
Samuel William Dudley
Harry VanVleck Gifford
Frederick George Hughes
Trumbull Kelly
Charles Scott Landers
Charles Davenport Lockwood
Henry Franklin Merriam
Mikael Minassian
Francis Patrick Nolan
Harry Longyear Preston
Edward John Rungee
Orville Hickok Schell
Jesse Wheat Speidel
Henry Daniells Stowe
William Strobridge
Frank Pell Underhill
Abraham Wolodarsky

HONORS IN SPECIAL STUDIES AWARDED TO STUDENTS NOT RECIPIENTS OF GENERAL HONORS

John Appleton Allen
History
William Roscoe Bassick
History
Irving Edward Burdick
History, Economics and Political Science
Everitte St. John Chaffee
History and English
Alfred Knight Chittenden
German
Henry Forrest Dutton, Jr.
German, History, Economics and Political Science
William Edwin Hall
History
Charles Joel Parker
German, History, Economics and Political Science
James Graham Parsons
History
William Cary Ross
German, Economics and Political Science
John Foster Symes
Economics and Political Science
Edward Mansfield Walker
Civil Engineering

RECIPIENTS OF THE SHEFFIELD GRADUATE SCHOLARSHIPS

CLASS OF 1900

Frederic James Carnell
Samuel William Dudley
Henry Franklin Merriam
Henry Daniells Stowe
Frank Pell Underhill
George Benjamin White

CLASS OF 1901

HONORS FOR EXCELLENCE IN ALL STUDIES OF THE JUNIOR YEAR

Dorence Keith Atwater
Robert Morse Chamberlin
Ralph Oakley Clock
George Noble Copley
George Joseph Nelson Edmondson
Homer Gifford Fuller
Harold Arthur Gilbert
Henderson Gilbert
Albert Kemp Hubbard
George Samuel Jamieson
Hugh McKean Jones
Arthur Potter Knight
Beverly Waugh Kunkel
Herbert Lucker
Hiram Miller
Andrew Burton Mygatt, Jr.
Charles Leonard Overlander
Charles Samuel Phelps
George Harold Reid
Walter Edward Sanford
Elmer Henry Schwarz
Frederick Augustus Sherwood
Max Silverman
Edwy Lygurgus Taylor, Jr.

HONORS IN SPECIAL STUDIES AWARDED TO STUDENTS OF THE JUNIOR CLASS NOT RECIPIENTS OF GENERAL HONORS

David Egner Breinig
Chemistry
William Merritt Clark
Chemistry
Harry Thomas Kehr
German
Lesley McCreath
Chemistry
Ralph Asher Pike
French

The Rogers Scholarship, for excellence in the studies of the Chemical Course, awarded to George Samuel Jamieson, Bridgeport, Conn.

THE MEDICAL SCHOOL

CLASS OF 1900

DEGREE OF M.D., *cum laude*

Awarded for unusual merit in the examinations and work of the course.

Nathan Leroy Griffin
William John Maroney
Herman Canfield Pitts

THE LAW SCHOOL

Degree of LL.B., *magna cum laude*

Herbert David Palmer, B.A., Yale University 1898, Attorney at Law.
George Zahm.

Degree of LL.B., *cum laude*

William Francis Conway.
John Warren Edgerton, M.A., Yale University 1896.
Nathan Ayer Smyth, M.A., Yale University 1899.

MIDDLE CLASS.

Martin Toscan Bennett, B.A., Yale University 1898.
Xenophon Pearce Huddy.
Cornelius Porter Kitchel, B.A., Yale University 1897.
Henry Hotchkiss Townshend, B.A., Yale University 1897.

JUNIOR CLASS.

Harold Ridgeway Berry.
Garfield R. Jones.
Edward Henry Kelly.
Charles Tressler Lark, B.A., Yale University 1899.
John Thomas Smith, B.A., Creighton University 1899.
Wendell Melville Strong, PH.D., Yale University 1899.

AWARDS
OF PRIZES AND SCHOLARSHIPS

UNIVERSITY PRIZES AWARDED JUNE, 1900:

JOHN A. PORTER PRIZE—Herbert W. Fisher, Class of 1898, Yale College.

BENNETT PRIZE—Richard D. Currier, Class of 1900, Yale College.

COBDEN CLUB MEDAL—Dunlevy Milbank, Class of 1900, Yale College.

COOK PRIZE IN POETRY—Charles A. Kellogg, Jr., Class of 1900, Yale College, with honorable mention of Ray Morris, Class of 1901, William S. Johnson, Class of 1900, and William B. Hooker, Class of 1902.

PRIZES AWARDED IN THE ACADEMICAL DEPARTMENT 1899-1900:

DEFOREST PRIZE MEDAL—Class of 1900, Charlton B. Thompson.

TOWNSEND PREMIUMS—Class of 1900, Herbert B. Fuller, Maurice P. Gould, Henry T. Hunt, William M. Jones, John H. Klosterman.

DEFOREST MATHEMATICAL PRIZES—Class of 1901, 1st Prizes, Malvern H. Tillitt, W. D. Westfall; 3d Prize, Ira L. Anderson. Class of 1902, 1st Prize, Nathan R. Francis; 2d Prizes, Harry B. Chamberlin, Charles D. Francis, Joseph H. Walker; 3d Prizes, Theodore B. Hewitt, Eugene S. Leavell, also John M. Stevenson, Jr., 1903. Class of 1903, 1st Prize, Eliot R. Clark; 2d Prize, Fred B. Utley and Bradford Webster; 3d Prize, Walter L. Douglass.

WINTHROP PRIZES—Class of 1901, Harry E. Ward, and Harold B. Hunting.

HENRY JAMES TENEYCK PRIZES (for the Junior Exhibition)—Class of 1901, 1st Prize, Arthur H. Gleason; 2d Prizes, George P. Chittenden, Ernest Hausberg, Walter B. Howe, William H. Hutchins, John A. Keppelman, Malvern H. Tillitt, Alfred P. Wright.

SCOTT PRIZE IN GERMAN—Class of 1901, Dana L. Walcott.

SCOTT PRIZE IN FRENCH—Class of 1901, Emerson B. Christie.

LUCIUS F. ROBINSON LATIN PRIZES—Class of 1900, 1st Prize, Albert W. VanBuren; 3d Prize, Francis Cross, Jr. Class of 1901, 2d

Prize, Harry E. Ward. Class of 1902, 1st Prize, Sidney N. Deane; 2d Prize, Kersey C. Reed; 3d Prize, Harry M. Hubbell.

THACHER PRIZES—Class of 1900, Ashley D. Leavitt; Class of 1902, Mason Trowbridge.

C. WYLLYS BETTS PRIZE—Class of 1902, Alfred R. Hill.

HONORS IN ENGLISH COMPOSITION—Class of 1902, Sidney N. Deane, Alfred R. Hill, William B. Hooker, Arthur C. Ludington, Huc M. Luquiens, Willard B. Luther, Roderick Potter, Frank H. Sincerbeaux, Mason Trowbridge, James A. Valentine, Arthur S. Wheeler.

ELOCUTION PRIZES—Class of 1902, 1st Prize, Floyd W. Jefferson; 2d Prize, Walter F. Roberts and Edwin A. Stebbins.

MCLAUGHLIN PRIZES—Class of 1903, 1st Prize, Henry I. Root; 2d Prize, Donald K. Johnston.

WINSTON TROWBRIDGE TOWNSEND PRIZES—Class of 1903, Donald B. MacLane, Lawrence A. Howard, Nathaniel H. Cobb.

BERKELEY PREMIUMS IN LATIN COMPOSITION—Class of 1903, 1st Grade, Theodore Andrews, Samuel M. Brereton, Edward L. Gillespie, Harry B. VanDeventer; 2d Grade, Eliot R. Clark, Louis G. Coleman, David U. Cory, Jr., William S. Searles.

SPECIAL PRIZE FOR EXCELLENCE IN LATIN COMPOSITION—Class of 1903, Harry B. VanDeventer.

HUGH CHAMBERLAIN GREEK PRIZE—Class of 1904, Robert E. Chandler, Newton (Mass.) High School, and Francis E. Howland, St. George's School, Newport, R. I., with honorable mention of Harry Glicksman, East Division High School, Milwaukee, Wisc., and Raymond T. Hill, Williston Seminary.

UNDERGRADUATE SCHOLARS OF THE HOUSE

YALE COLLEGE, 1900–1901:

WOOLSEY Scholars—Class of 1901, ALFRED P. WRIGHT; Class of 1902, GEORGE E. DAVIS; Class of 1903, ELIOT R. CLARK.

SCOTT HURTT Scholars—Class of 1901, ROBERT V. SPENCER; Class of 1902, SIDNEY N. DEANE.

THOMAS GLASBY WATERMAN Scholars—Class of 1901, ALLAN H. RICHARDSON; Class of 1902, FRANK H. SINCERBEAUX.

BRISTED Scholar—Class of 1900, FRANK E. HALE.

DANIEL LORD, Junior, Memorial Scholar—Class of 1901, JOHN B. CHAMBERLAIN.

LEARNED Scholar—Class of 1903, WILLIAM S. SEARLES.

JOHN J. COX Scholar—Class of 1901, EDWARD B. ADAMS.

PRIZES AWARDED IN THE SHEFFIELD SCIENTIFIC SCHOOL, JUNE, 1900:

CLASS OF 1900:

FOR EXCELLENCE IN MECHANICAL ENGINEERING—Samuel William Dudley, Westville, Conn.

FOR EXCELLENCE IN CIVIL ENGINEERING—Henry Daniells Stowe, Enfield, Conn.

THE BELKNAP PRIZE IN NATURAL HISTORY—To be divided between Orville Hickok Schell, Harrisburg, Pa,, and Frank Pell Underhill, Norwalk, Conn., with honorable mention of Henry Franklin Merriam, Summit, N. J., and George Benjamin White, Cooperstown, N. Y.

CLASS OF 1902:

FOR EXCELLENCE IN ALL THE STUDIES OF THE FRESHMAN YEAR—Champion Herbert Mathewson, Milford, Conn., with honorable mention of Robert Tuckerman Roberts, Winsted, Conn., and Wyllys Irvin Phelps, Thompsonville, Conn.

FOR EXCELLENCE IN PHYSICS—William Joseph Canada, Westville, Conn., with honorable mention of Albert Turney Brown, Fairfield, Conn., and Robert Banks Gibson, San Francisco, Cal.

FOR EXCELLENCE IN GERMAN—Robert Tuckerman Roberts, Winsted, Conn., and Robert Pelton Wadhams, Torrington, Conn., with honorable mention of Alexander Frederick Schneider, Montowese, Conn., and Albert Herman Jente, New Haven, Conn.

FOR EXCELLENCE IN FRENCH—John James Wright-Clark, Newark, N. J., with honorable mention of Edward Augustus Stillman, San Francisco, Cal., and John Franklin Trumbull, Hartford, Conn.

FOR EXCELLENCE IN CHEMISTRY — William Bronson Cramer, New Haven, Conn., with honorable mention of Howard Stanley Bristol, Meriden, Conn., Bedford Forest Hines, Decherd, Tenn., and Champion Herbert Mathewson, Milford, Conn.

FOR EXCELLENCE IN MECHANICAL DRAWING—John Franklin Trumbull, Hartford, Conn., with honorable mention of Francis Patrick Fahy, New Haven, Conn., and Robert Wade Allerton, Waterbury, Conn.

FOR EXCELLENCE IN MATHEMATICS—Bedford Forrest Hines, Decherd, Tenn., with honorable mention of Wyllys Irvin Phelps, Thompsonville, Conn., Thomas Davies Adams, Westport, Conn., and Alexander Frederick Schneider, Montowese, Conn.

FOR EXCELLENCE IN ENGLISH—Thomas Davies Adams, Westport, Conn., with honorable mention of William Joseph Canada, Westville, Conn., Newell Hobart Hargrave, Cincinnati, Ohio, and Frank Joseph Moran, Hartford, Conn.

PRIZES AWARDED IN THE SCHOOL OF THE FINE ARTS, 1900:

WILLIAM WIRT WINCHESTER PRIZE—John A. Twachtman.

ALICE KIMBALL ENGLISH PRIZE—Alice H. Wetmore, Bertha K. Bradley.

ETHEL CHILDE WALKER PRIZE—Katherine P. Hastings.

PRIZE IN COMPOSITION—Elizabeth Gallagher.

PRIZE IN ADVANCED ANATOMY—Mabel D. Bradley.

PRIZE IN ELEMENTARY ANATOMY—Ethel Booth.

PRIZES AWARDED IN THE DEPARTMENT OF MUSIC, 1900:

SCHOLARSHIPS—Clara Asher, Antoinette Brett.

PRIZES AWARDED IN THE MEDICAL SCHOOL, JUNE, 1900:

CAMPBELL GOLD MEDAL—Herman Canfield Pitts.

KEESE PRIZE—Charles Oscar Purinton, Ph.B., with honorable mention of Carle William Henze.

PRIZES AWARDED IN THE DIVINITY SCHOOL, MAY, 1900:

DWIGHT FELLOWSHIP—Class of 1900, George M. Butler, B.A.

DOWNES PRIZES—Class of 1900, Arthur W. Bailey, B.A., Loring B. Chase, B.A.; Class of 1901, Charles S. Calhoun, B.A., Jay T. Stocking, B.A.

PRIZES AWARDED IN THE LAW SCHOOL, JUNE, 1900:

TOWNSEND PRIZE—Class of 1900, Walter Dunham Makepeace, M.A.

Committee of Award: W. E. Foster, Esq., Buffalo, N. Y.
George E. Hill, Esq., Bridgeport, Conn.
Prof. W. L. Burdick, Lawrence, Kans.

JEWELL PRIZE—Class of 1900, George Zahm.

MUNSON PRIZE—Class of 1900, Harry Browning Agard.

Committee of Award: William S. Pardee, Esq., New Haven, Conn.
Charles T. Kleiner, Esq., New Haven., Conn.
Benjamin I. Spock, Esq., New Haven, Conn.

BETTS PRIZE—Class of 1900, John Thomas Smith, B.A.

WAYLAND PRIZES (Kent Club Debate).

1st Prize. Cornelius Porter Kitchel, B.A.
2d Prize. John Thomas Smith, B.A.
3d Prize. Frank Atkins Lord, B.A.

EDWARD THOMPSON COMPANY PRIZE—Class of 1901, Martin Toscan Bennett, B.A.

KENT CLUB DIPLOMAS (for excellence in debate in the regular exercises of the Yale Kent Club—Class of 1900, Harry Browning Agard, Orrin Melville Clark, B.A., Thomas Francis Hickey, Leslie Elmer Hubbard, Walter Dunham Makepeace, M.A., James Archibald Marr, B.A.

PART VII

LISTS OF STUDENTS, DIRECTORY AND INDEX

LISTS OF STUDENTS

DEPARTMENT OF PHILOSOPHY AND THE ARTS

GRADUATE SCHOOL

[The major subject of study is stated in each case. Students marked "A." are pursuing courses of study in absence under the direction of the Faculty for the degree of Master of Arts, Mechanical Engineer, or Civil Engineer.]

Elizabeth Frances Abbe, M.A. Wellesley College 1888	*Dorchester, Mass.* Classics	1193 Chapel st.
Mary Winchester Abbott, B.A. Vassar College 1894	*West Haven, Conn.* English	11 College st.
George Ferdinand Abel, B.A. Gettysburg College 1897, B.D. Yale University 1900	*Philadelphia, Pa.* Philosophy	2 E. D.
Charles Edgar Adamson, M.A. Boston University 1882	*Philadelphia, Pa.* Biblical Literature	96 W. D.
Alfred Akerman, B.A. Georgia University 1898	*Cartersville, Ga.* Botany	55 Prospect st.
Carroll Storrs Alden, B.A. Yale University 1898	*Chicago, Ill.* English	399 Elm st.
Robbins Battell Anderson, B.A. Yale University 1899	*Duluth, Minn.* English	A.
William Gilbert Anderson, M.D. Western Reserve Univ. 1883	*Cleveland, O.* Biology	120 College st.
Henry Cotheal Andrews, B.A. Yale University 1899	*Fishkill, N. Y.* History	1044 Chapel st.
Kan-Ichi Asakawa, B.L. Waseda College, Japan, 1895, Dartmouth College 1899	*Fukushima, Japan* History	105 Park st.
John Whitney Avery, B.A. Yale University 1893	*New Haven, Conn.* Classics	23 Brown st.
George Merrick Baker, B.A. Yale University 1900	*Hartford, Conn.* German	114 High st.

Ernest Hickok Baldwin, B.A.
Yale University 1891, M.A. 1897
New Haven, Conn. 150 Grove st.
History

Cecil Kittredge Bancroft, B.A.
Yale University 1891
Andover, Mass. 213 D.
Classics

Amy Louise Barbour, B.A.
Smith College 1891
Hartford, Conn. 70 Whalley av.
Classics

James Foote Barnett, B.A.
Yale University 1891
Grand Rapids, Mich. A.
History

Samuel Eliot Bassett, B.A.
Yale University 1898
New Haven, Conn. Athens, Greece.
Classics

Ernest Turrell Bauer, B.A.
Yale University 1900
New Haven, Conn. 255 Sherman av.
Modern Languages

William DeVerne Beach, B.A.
Yale University 1897
B.D. Yale University 1900
New Haven, Conn. 631 Elm st.
Biblical Literature

Alling Prudden Beardsley, B.A.
Wesleyan University 1898
Derby, Conn. Derby
Chemistry

Silas Palmer Beebe, B.S.
Harvard University 1900
New Haven, Conn. 106 Mansfield st.
Physiology and Physiol. Chemistry

Gertrude Harper Beggs, B.A.
University of Denver 1893
St. Louis, Mo. 135 Howe st.
Classics

Mary Kendrick Benedict, B.A.
Vassar College 1897
Cincinnati, O. 70 Howe st.
Philosophy

Arthur Dart Bissell, B.A.
Amherst College 1879
Claremont, Cal. 38 Pearl st.
Philosophy

James Wilson Bixler, B.A.
Amherst College 1882
New London, Conn. New London
Social Science

Stanley Francis Blomfield, B.A.
Olivet College 1895,
B.A. Yale University 1899
Stony Creek, Conn. Stony Creek
Biblical Literature

John Joseph Blythe, M.A.
Ohio Wesleyan University 1897,
B.D. Wesl. Theol. Coll., Montreal 1899
Montreal, Canada Bridgeport
Biblical Literature

Harriet Bollinger, B.A.
Western Maryland College 1881
Westminster, Md. New Haven House
Philosophy

Alfred Gintner Bookwalter, B.A.
Yale University 1897
New York City 1044 Chapel st.
Economics

Walter Minor Bradley, PH.B.
Yale University 1899
New Haven, Conn. 1346 Chapel st.
Chemistry

Margaret Rooker Bradshaw, M.A.
Vanderbilt University 1893
Brookfield, Mo. 105 Dwight st.
English

Mercy Agnes Brann, B.A. Colby University 1897	*Dover, Me.* English	74 Lake pl.
Henrietta Foster Brewer, B.A. University of California 1895	*Berkeley, Cal.* Classics	56 Grove st.
Halbert Hains Britan, B.A. Hanover College 1898	*Hanover, Ind.* Philosophy	29 High st.
Wilton Everett Britton, B.S. New Hampshire College Agric. 1893	*New Haven, Conn.* Botany	1317 Boulevard
Ezekiel Stoddard Bronson, B.A. Yale University 1900	*New Haven, Conn.* Chemistry and Geology	58 Dwight st.
James Ansel Brooks, PH.B. Yale University 1898	*Derby, Conn.* Mechanical Engineering	Derby
Lester Dorman Brown, B.A. University of Wooster 1894	*Wooster, O.* Classics	73 Lake pl.
William Adams Brown, B.A. Yale University 1886, M.A. Yale University 1888	*New York City* Philosophy	New York City
Abraham Royer Brubacher, B.A. Yale University 1897	*Shaefferstown, Pa.* Classics	20 Carmel st.
Winthrop Buck, B.A. Yale University 1900	*Nazareth, Pa.* History	A.
Frank Scott Bunnell, B.A. Yale University 1894	*Stratford, Conn.* Classics	312 Elm st.
Frederick Merwin Burgess, B.A. Yale University 1897	*New Haven, Conn.* English	226 Whalley av.
Eugene Watson Burlingame, B.A. Yale University 1898	*Albany, N. Y.* Greek	A.
Katherine Jeannette Bush	*New Haven, Conn.* Natural Science	133 Howe st.
Jennie Isabel Campbell, B.A. Smith College 1893	*Wallingford, Conn.* Latin	Wallingford
Henry Seidel Canby, PH.B. Yale University 1899	*Wilmington, Del.* English	86 Wall st.
Arthur Lisle Cardus, B.A. University of Rochester 1896	*Rochester, N. Y.* Philosophy	71 W. D.
Frederic James Carnell, PH.B. Yale University 1900	*Bristol, Conn.* Physics	58 N. S. H.
Otho Grandford Cartwright, B.A. Yale University 1893	*New Haven, Conn.* History	119 Wall st.
William Woods Chandler, B.A. Yale University 1896	*New Haven, Conn.* Music	21 High st.

Charles Sidney Chapman, B.AGR. Connecticut State College 1898	*Westbrook, Conn.*	360 Prospect st. Botany
George Millet Chase, B.A. Bates College 1893	*Lewiston, Me.*	10 Ashmun st. Classics
Alfred Knight Chittenden, PH.B. Yale University 1900	*New Haven, Conn.*	83 Trumbull st. Botany
William Churchill, B.A. Yale University 1897	*New Britain, Conn.*	71 W. D. Philosophy
Charles Upson Clark, B.A. Yale University 1897	*Brooklyn, N. Y.*	Rome, Italy Classics
Clarence Carroll Clark, B.A. Johns Hopkins University 1896	*Baltimore, Md.*	56 Grove st. English
Charles Cameron Clarke, Jr., B.A. Yale University 1883	*New Haven, Conn.*	65 Grove st. Romance Languages
Helen MacGregor Clarke, B.A. Wellesley College 1890	*Durham, Conn.*	33 Wall st. English
Thadeous Hugh Claypool, B.A. Yale University 1898	*Marshall, Tex.*	115 Park st. English
George Edwards Clement, B.A. Harvard University 1900	*Boston, Mass.*	360 Prospect st. Botany
Frederick Sears Coe, PH.B. Yale University 1899	*Newark, N. J.*	82 Wall st. Mechanical Engineering
Winfield Hazlitt Collins, B.A. Western Maryland College 1894	*Reeds Grove, Md.*	25 High st. History
Elizabeth Mary Comstock, B.A. Indiana State Univ. 1892	*Richmond, Ind.*	38 Lynwood st. English
Lewis Roberts Conklin, B.A. Yale University 1896	*Monroe, N. Y.*	A. English
Charles Montague Cooke, Jr., B.A. Yale University 1897	*Honolulu, H. I.*	112 College st. Biology
William Lee Corbin, B.A. Amherst College 1896 M.A. Yale University 1900	*Norfolk, Conn.*	E. D. English
Francis Cross, Jr., B.A. Yale University 1900	*New Haven, Conn.*	156 Spring st. Classics
Charles Edward Curtis, PH.B. Yale University 1888	*New Haven, Conn.*	254 Prospect st. Political and Social Science
James Elbert Cutler, B.A. University of Colorado 1900	*Boulder, Colo.*	373 Crown st. Political and Social Science
George Barton Cutten, B.A. Yale University 1897	*Amherst, Nova Scotia*	80 First st. Philosoph

Albert Sargent Davis, B.A.
Yale University 1896
New York City A.
English

Helen Howard Davis, B.A.
Wellesley College 1899
New Haven, Conn. 336 Humphrey st.
English

Clarence Shepard Day, Jr., B.A.
Yale University 1896
New York City A.
English

George Parmly Day, B.A.
Yale University 1897
New York City A.
English

Arthur Lyman Dean, B.A.
Harvard University 1900
Dedham, Mass. 140 Shelton av.
Physiology and Physiol. Chemistry

Edgar Ezekiel DeCou, B.S.
University of Wisconsin 1894,
M.A. University of Chicago 1897
Evansville, Wisc. 399 Elm st.
Mathematics

Moreau Delano, B.A.
Yale University 1898
New York City A.
English

Ella Marinda Deyo, B.A.
Mt. Holyoke College 1897
Honeoye, N. Y. 70 Howe st.
Greek and English

Sherwood Owen Dickerman, B.A.
Yale University 1896
New Haven, Conn. 140 Cottage st.
Classics

John Casper Diehl, B.A.
Yale University 1887
Erie, Pa. A.
Latin

George Francis Dominick, Jr., B.A.
Yale University 1894
New York City A.
English

Edgar Selah Downs, B.A.
Yale University 1898
Southington, Conn. 90 S. M.
Physics

Alfred Yartan Dubuque, B.A.
Yale University 1899
Albany, N. Y. 128 High st.
Romance Languages

Samuel William Dudley, PH.B.
Yale University 1900
Westville, Conn. Westville
Mechanical Engineering.

Mary Dunham, B.A.
Indiana University 1898
North Richmond, Ind. 39 Lynwood st.
Classics

Edward Lewis Durfee, B.A.
Yale University 1896
Palmyra, N. Y. 90 Park st.
History

David Brewer Eddy, B.A.
Yale University 1898
Leavenworth, Kans. A.
Biblical Literature

Jay Glover Eldridge, B.A.
Yale University 1896,
M.A. Yale University 1899
Penfield, N. Y. 1136 Chapel st.
German

Clara Eliza Emerson, B.A.
Wellesley College 1891
Beloit, Wisc. 84 Norton st.
English

Sara Anna Emerson, B.A.
Boston University 1877
Watertown, Mass. 134 Howe st.
Biblical Literature

Christopher Temple Emmet, M.E.
Stevens Institute of Technology
Portchester, N. Y. 208 Canner st.
Botany

Frederick Joy Fairbank, B.A.
Illinois College 1897
Jacksonville, Ill. 54 Garden st.
Latin

Hollon Augustine Farr, B.A.
Yale University 1896
Athol, Mass. 170 F.
German

Horace Jewell Fenton, B.A.
Yale University 1899
Willimantic, Conn. 139 High st.
English

George Willis Field, B.A.
Yale University 1899
New York City A.
English

Samuel Emerson Findley, B.A.
Buchtel College 1894
Akron, O. 83 Grove st.
Greek

Henry Fletcher, B.A.
Yale University 1898
Brooklyn, N. Y. A.
English

John Francis Flynn, B.A.
Yale University 1899
Meriden, Conn. 46 College st.
Classics

Joseph Fogelberg, B.A.
Bethany College 1899
Lindsborg, Kans. 59 Prospect st.
German

Emily Howard Foley, B.A.
Wellesley College 1893
St. Louis, Mo. 70 Howe st.
English

William Ebenezer Ford, Jr., PH.B.
Yale University 1899
New Haven, Conn. 16 Lynwood st.
Mineralogy

Allyn King Foster, TH.M.
So. Baptist Theol. Sem. 1894
New Haven, Conn. 108 High st.
English

Frederic Henry Beecher Fowler, PH.B.
Yale University 1899
New Haven, Conn. 308 Humphrey st.
Electrical Engineering

George Levi Fox, B.A.
Yale University 1874,
M.A. Yale University 1885
New Haven, Conn. 7 College st.
Classics

Arthur Sullivan Gale, B.A.
Yale University 1899
Jacksonville, Fla. 124 W. D.
Mathematics

Silas Wright Geis, B.L.
Univ. of California 1898
Fresno, Cal. 83 Sachem st.
Political and Social Science

Fred Macdonald Gilbert, B.A.
Yale University 1898
Brooklyn, N. Y. A.
Biblical Literature

George Wilbur Fiske Gillette, PH.B.
Yale University 1896
New Haven, Conn. 383 Whalley av.
Civil Engineering

William Anthony Granville, PH.D.
Yale University 1897
New Haven, Conn. 7½ Eld st.
Mathematics

Thomas Ezekiel Gravatt, B.S.
Rutgers College 1897
Clarksburgh, N. J. 73 Lake pl.
Mathematics

Arthur Harmount Graves, B.A.
Yale University 1900
Hartford, Conn. 51 N. S. H.
Botany

Frank Eugene Hale, B.A.
Yale University 1900
Hartford, Conn. 363 Orchard st.
Chemistry

Perry Titus Wells Hale, PH.B.
Yale University 1900
Portland, Conn. 135 Howe st.
Civil Engineering

Francis Jenks Hall, B.A.
Yale University 1899
Saltsburg, Pa. A.
Biblical Literature

Robert William Hall, PH.B.
Yale University 1895,
M.A. Harvard University 1898
Cambridge, Mass. 48 N. S. H.
Biology

George Arthur Hanford, B.A.
Yale University 1898
Syracuse, N. Y. 2 Hillhouse av.
Physiology and Physiol. Chemistry

Henry Lee Hargrove, B.A.
Univ. of Nashville 1891,
M.A. Univ. of Nashville 1892
Waco, Tex. 723 Elm st.
English

Pinkney Settle Hargrove, B.A.
Yale University 1900
Waco, Tex. 363 Orchard st.
English

Josiah Harmar, PH.B.
Yale University 1892
Philadelphia, Pa. A.
Mechanical Engineering

Mattie Anstice Harris, M.A.
Lincoln College (Ill.) 1894,
PH.D. Yale University 1897
New York City 22 Lynwood st.
English

Francis Burton Harrison, B.A.
Yale University 1895
New York City A.
English

Frederick Brown Harrison, PH.B.
Yale University 1899
New Haven, Conn. 83 Grove st.
English

Charles Montgomery Hathaway, Jr., B.A.
Yale University 1899
Olyphant, Pa. 90 S. M.
English

Philip Bovier Hawk, B.S.
Wesleyan University 1898,
M.S. Wesleyan University 1900
East Branch, N. Y. 118 W. D.
Physiology and Physiol. Chemistry

Herbert Edwin Hawkes, B.A.
Yale University 1896,
PH.D. Yale University 1900
New Haven, Conn. 1494 Chapel st.
Mathematics

William Wilson Heaton, B.A.
Yale University 1896
New York City A.
Economics

William Milton Hess, B.A.
Yale University 1896,
PH.D. 1899, B.D. 1900
New Haven, Conn. 135 Elm st.
Philosophy

Lawrence Ilsley Hewes, B.S.
Dartmouth College 1898
Braintree, Mass. 285 York st.
Mathematics

Mary Cornwall Hewitt, B.A.
Smith College 1897
New Haven, Conn. 65 Dixwell av.
History

Robert Taylor Hinton, B.A.
Yale University 1900
Paris, Ky. 70 W. D.
Social Science and History

Robert Reynolds Hitt, B.A.
Yale University 1898
Washington, D. C. A.
English

Bertha Estelle Holbrook, B.A.
Mt. Holyoke College 1894
Mills College, Cal. 74 Lake pl.
English

Richard Holbrook, B.A.
Yale University 1893
Yonkers, N. Y. 212 Orchard st.
Romance Languages

Frederick Augustus Holden, B.A.
Amherst College 1878
Morris, Conn. Morris
Biblical Literature

George Clay Hollister, B.A.
Yale University 1896
New York City A.
Economics

Donald Russell Hooker, B.A.
Yale University 1899
New Haven, Conn. 436 Orange st.
Physiology and Physiol. Chemistry

Gerard Beekman Hoppin, B.A.
Yale University 1891
New York City A.
English

Stuart Hotchkiss, PH.B.
Yale University 1900
New Haven, Conn. 55 Hillhouse av.
Natural Science and Law

Leslie Elmer Hubbard, LL.B.
Yale University 1900
Meriden, Conn. 89 Bristol st.
History

Clara Marvin Hubbell, B.A.
Smith College 1887
Detroit, Mich. 24 High st.
English

Grace Wakeman Hubbell, PH.B.
Oberlin College 1894
New York City 24 High st.
English

Robert Ernest Hume, B.A.
Yale University 1898
Ahmednagar, India 24 Home pl.
Philosophy

Lola LaMotte Iddings, B.A.
Vassar College 1889
Orange, N. J. Orange
English

Howard Maxwell Ingham, PH.B.
Yale University 1897
Philadelphia, Pa. A.
Mechanical Engineering

William Julius Edward Jente, B.A.
Yale University 1897
New Haven, Conn. 97 Bristol st.
German

Carl Wilhelm Johnson, B.A.
Bethany College 1900
Lindsborg, Kans. 33 Lock st.
German

Treat Baldwin Johnson, PH.B.
Yale University 1898
Bethany, Conn. 162 S. L.
Chemistry

Riveda Harding Jordan, B.A.
Yale University 1893
St. Joseph, Mo. A.
English

Tyiichi Kairiyama, PH.B.
Cornell University, 1898
Yokohama, Japan, 373 Crown st.
Philosophy

Elizabeth Galloway Kane, B.A.
Mt. Holyoke College 1894
Waterbury, Conn. 70 Howe st.
History

Kevork Harutune Karzanjian, B.D.
Yale University 1892
Armenia, Turkey 200 Edgewood av.
Philosophy

Kiroku Kawabe
Doshisha University, Japan, 1893
Kyoto, Japan 90 W. D.
Philosophy

Robert Henry Keener, B.A.
Yale University 1899
St. Joseph, Mo. 37 Lynwood st.
Greek

Albert Galloway Keller, B.A.
Yale University 1896,
PH.D. Yale University 1899
New Haven, Conn. 183 Lawrence st.
Political and Social Science

Mabel Howard Kennedy, B.A.
Woman's College of Baltimore 1896
Charles Town, W. Va. 47 York sq.
English

Virginia Wadlow Kennedy, B.A.
Woman's College of Baltimore 1896
Charles Town, W. Va. 47 York sq.
English

Albert Emmett Kent, B.A.
Yale University 1897
New York City A.
German

Howard La Field, B.A.
Yale University 1891
Bridgeport, Conn. Bridgeport
German

Mabelle Alpina Land, B.A.
University of Wyoming 1899
Laramie, Wyoming 17 Whalley av.
English

Joshua Larson, B.A.
Augustana College 1889,
M.A. Yale University 1899
Altoona, Ill. 149 St. John st.
Mathematics

George Lauder, Jr., PH.B.
Yale University 1900
Pittsburg, Pa. 131 Grove st.
Chemistry

Jessie May Law, B.A.
University of Nebraska 1894
New Britain, Conn. New Britain
History

Edwin Hoyt Lockwood, M.E.
Yale University 1892
New Canaan, Conn. 79 Division st.
Mathematics and Physics

Gilbert Lovell, B.A.
Yale University 1900
Plainfield, N. J. A.
Biblical Literature

Adam Ruth Lutz, B.A. Franklin and Marshall College 1896	*Strasburg, Pa.* Biblical Literature	121 W. D.
Frederick Bliss Luquiens, B.A. Yale University 1897	*New Haven, Conn.* Romance Languages	Paris, France
Cloyd North McAllister, B.A. Yale University 1892 PH.D. Yale University 1900	*St. Joseph, Mo.* Philosophy	33 Lake pl.
Thomas McCandless, B.A. Yale University 1900	*Meriden, Conn.* Biblical Literature	45 E. D.
Frank Mitchell McClenahan, B.A. Yale University 1900	*Allegheny City, Pa.* History	22 Whalley av.
Eugene Irving McCormac, B.S. Upper Iowa University 1896	*Sumner, Iowa* History	27 Sylvan av.
Theodore Dwight McDonald, B.A. Yale University 1897	*New York City* English	A.
James Camelford MacInnes, B.A. Amherst College 1894	*Galena, Ill.* Philosophy	110 W. D.
Mary Elizabeth MacLean, PH.B. University of California 1889	*Oakland, Cal.* English.	83 Grove st.
Winfield Scott Manship, B.A. Wesleyan University 1886, B.D. Yale University 1889	*S. Meriden, Conn.* Philosophy	S. Meriden
Ray Leon Marston, B.A. Bowdoin College 1898	*Skowhegan, Me.* Zoology	360 Prospect st.
William Linton Mather, PH.B. Yale University 1896	*New Haven, Conn.* Civil Engineering	247 St. Ronan st.
Sogo Matsumoto Keio-gijiku College 1897	*Tsu Ise, Japan* History	363 Crown st.
Henry Franklin Merriam, PH.B. Yale University 1900	*Summit, N. J.* Chemistry	162 S. L.
Edward DeWitt Merriman, B.A. Yale University 1872	*New Haven, Conn.* History	154 Elm st.
Floyd Jay Metzger, PH.B. Buchtel College 1899	*Akron, O.* Chemistry	10 Ashmun st.
Kumazo Mikami, B.D. Trinity College, Japan, 1890	*Tokyo, Japan* Political and Social Science	6 Trumbull st.
Robert Hume Miller, B.A. Yale University 1897	*New Haven, Conn.* Classics	133 Wall st.
Charles Elmendorf Mills, B.A. Colgate University 1897	*Limerick, Me.* English	38 Mansfield st.

Sydney Knox Mitchell, B.A.
Yale University 1898
Lakeville, N. Y. 122 Wall st.
History

Ishiro Miyake,
Doshisha University, Japan, 1894
Kumamato, Japan 120 W. D.
Philosophy

Herbert Henry Moninger. B.A.
Bethany College 1898
M.A. West Virginia Univ. 1899
Washington, Conn. 31 E. D.
Semitic Languages

George Redington Montgomery, B.A.
Yale University 1892
New Haven, Conn. 84 W. D.
Philosophy

Seth Enoch Moody, B.S.
Dartmouth College 1898
Agency, Iowa 102½ Park st.
Chemistry

James Gasherie DeWitt Morrell, PH.B.
Yale University 1900
Hartford, Conn. 117 Wall st.
Mechanical Engineering

Oliver Cromwell Morse, B.A.
Yale University 1868
Winter Park, Fla. A.
Biblical Literature

George Hewitt Myers, B.A.
Yale University, 1898
Washington, D. C. 360 Prospect st.
Botany

Irene Tanner Myers, M.A.
Bethany College 1889,
PH.D. Yale University 1900
Wheeling, W. Va. 25 Whalley av.
English

Rokuro Nakaseko, PH.D.
Johns Hopkins University 1899
Kyoto, Japan 20 Whalley av.
Physiology and Physiol. Chemistry

Robert Wilson Neal, B.A.
Univ. of Kansas 1898
Lawrence, Kans. 497 Winthrop av.
English

Henry James Nichols, B.A.
Yale University 1899
Binghamton, N. Y. 333 York st.
Physical Science

John Pease Norton, B.A.
Yale University 1899
Los Angeles, Cal. 563 Orange st.
Political and Social Science

Henlly Shoichi Ohara, B.A.
Leland Stanford Jr. University 1900
Chibakon, Japan 373 Crown st.
Political and Social Science

Julius Olsen, B.S.
Bethany College 1898
Norway, Kans. 159 Elm st.
Mathematical Physics

Clarence Harmon Olson, B.A.
Bethany College 1900
Marquette, Kans. 59 Prospect st.
English

Herman Max Opitz, B.A.
Yale University 1900
Norwich, Conn. 22 Whalley av.
German

Rufus Melvin Overlander, B.A.
Yale University 1898
New Haven, Conn. 378 Crown st.
Economics

Elizabeth Hatch Palmer, B.A.
Wellesley College 1887
Ipswich, Mass. 134 Howe st.
Classics

Jennie Alice Park, B.S. Mt. Holyoke College 1896	*Plainville, Conn.* Mathematics	Plainville
Mary Isabel Park, B.A. Mt. Holyoke College 1893	*Plainville, Conn.* Philosophy	Plainville
Herbert Parsons, B.A. Yale University 1897	*New York City* History	A.
Walter Melville Patton, B.D. Wesleyan Theo. Coll., Montreal 1891, PH.D. Heidelberg 1897	*New Haven, Conn.* Biblical Literature	37 Lynwood st.
Henry Augustus Perkins, B.A. Yale University 1896, E.E. and M.A. Columbia Univ. 1899	*Hartford, Conn.* Mathematics and Physics	128 Wall st.
Charles Adams Peters, B.S. Boston University 1897	*Worcester, Mass.* Chemistry	Kent Lab'y
Robert Walter Pettit, B.A. Rutgers College 1900	*New Brunswick, N. J.* Philosophy	120 York st.
Alexander Pratt, Jr., B.A. Trinity College 1898	*Bridgeport, Conn.* Political and Social Science	Bridgeport
Oscar Stoddard Pulman, B.A. Yale University 1900	*Albany, N. Y.* Chemistry	Kent Lab'y
Ernest Martin Quittmeyer, B.A. Wesleyan University 1899	*Bridgeport, Conn.* Philosophy	Bridgeport
Edward Everett Rall, B.A. University of Iowa 1900	*New Haven, Conn.*	224 Oak pl.
Leo Frederick Rettger, B.A. Indiana University 1896, M.A. 1897	*Bloomington, Ind.* Physiology and Physiol. Chemistry	118 W. D.
Chauncey Brewster Rice, PH.B. Yale University 1894	*New Haven, Conn.* Physics	56 N. S. H.
John Pierrepont Rice, B.A. Yale University 1900	*Santa Barbara, Cal.* English and Modern Language	36 E. D.
Robert Kilburn Richardson, B.A. Yale University 1898, M.A. Columbia University 1899	*New Haven, Conn.* History	384 Whitney av.
Julian Ashton Ripley, B.A. Yale University 1898	*New York City* English	A.
Allan Douglas Risteen, B.S. Worcester Polytechnic Institute 1885	*Hartford, Conn.* Mathematical Physics	Hartford
Frederick Oscar Robbins, B.A. Yale University 1896	*New Haven, Conn.* Romance Languages	341 Winthrop av.
Peter Roberts, B.D. Yale University 1886	*Scranton, Pa.* Political and Social Science	48 E. D.

Henry Hollister Robinson, PH.B. Yale University 1895	*Hartford, Conn.*	333 York st. Natural Science
Maurice Henry Robinson, B.L. Dartmouth College 1890, M.A. Dartmouth College 1897	*Madelia, Minn.*	569 George st. Political and Social Science
Robert Kilburn Root, B.A. Yale University 1898	*New Haven, Conn.*	58 Grove st. English
Louis Barcroft Runk, B.A. Yale University 1893	*Philadelphia, Pa.*	A. Political and Social Science
William Nelson Runyon, B.A. Yale University 1892	*Plainfield, N. J.*	A. English
William Henry Sallmon, B.A. Yale University 1894, M.A. Yale University 1897	*London, Canada*	30 E. D. Semitic Languages and Biblical Literature
Charles Edward Sargent, M.A. Bates College 1883	*New Haven, Conn.*	61 Grove st. Political and Social Science
Edward Christian Schneider, B.S. Tabor College 1897	*Shenandoah, Iowa*	24 E.D. Physiology and Physiol. Chemistry
Rudolph Schwill, B.A. Yale University 1896	*New York City*	47 N. S. H. Romance Literature
Charles Otis Scoville, B.A. Yale University 1887	*New Haven, Conn.*	162 Temple st. Philosophy
Miranda Scoville, PH.B. Cornell College 1894	*Grundy Center, Iowa*	35 Lynwood st. History
Blanche Burdin Sears, B.A. Bates College 1900	*Lewiston, Me.*	113 Howe st. English
Martha Hale Shackford, B.A. Wellesley College 1896	*Dover, N. H.*	37 Howe st. English
Hubert Gibson Shearin, B.A. Center College 1897, M.A. 1899	*Dansville, Ky.*	347 Orchard st. English
William Kent Shepard, PH.D. Yale University 1900	*New Haven, Conn.*	57 N. S. H. Mathematics
Susan Smith Sheridan, B.A. University of Omaha 1897	*New Haven, Conn.*	519 Orange st. English
Barry Congar Smith, B.A. Yale University 1899	*New York City*	A. History
James Robinson Smith, B.A. Yale University 1898	*Hartford, Conn.*	Whitneyville English
Howard Speer, B.A. Yale University 1900	*Cincinnati, O.*	67 W. D. English

Marius Joseph Spinello, B.A.
Yale University 1896,
M.A. Yale University 1899
New Haven, Conn. Paris, France
Romance Languages

William Howard Sprenkle, B.S.
Gettysburg College 1898
Orange, Conn. Orange
Physiology

Oscar Emil Staaf, B.A.
Bethany College 1900
Lindsborg, Kans. 88 Prospect st.
Latin

Constantine Demeter Stephanove, B.A.
Yale University 1899
Bansko, Macedonia 266 York st.
Philosophy

William Oliver Stevens, B.A.
Colby College 1899
Waterville, Me. 139 Dwight st.
English

Charles Emerson Stone, PH.B.
Yale University 1889
Andover, Mass. A.
Romance Languages

Lyman Brumbaugh Stookey, B.A.
Yale University 1900
Belleville, Ill. 589 P.
Physiology and Physiol. Chemistry

Frederick Lemuel Stottlemyer, B.A.
Bethany College 1900
Beaver Creek, Md. 41 E. D.
Greek Philosophy

Henry Daniells Stowe, PH.B.
Yale University 1900
Scitico, Conn. 57 Grove st.
Mathematics

Karl Eben Stromquist, B.S.
Bethany College 1899
McPherson, Kans. 59 Prospect st.
Mathematics

Robert Eccles Swain, B.A.
Leland Stanford Jr. University 1898
Palo Alto, Cal. 103 Edgewood av.
Physiology and Physiol. Chemistry

Margaret Sweeney, B.A.
Radcliffe College 1899
Boston, Mass. 70 Howe st.
Physics

Teizaboro Takaheshi
Rikkijo College 1897
Tokyo, Japan 40 Lake pl.
Social Science

John Frelinghuysen Talmage, B.A.
Yale University 1895
New York City A.
English

Leonard Merrige Tarr, B.A.
Bates College 1882
New Haven, Conn. 156 Whalley av.
Physics

William James Taylor, B.A.
University of Nebraska 1891,
M.A. University of Nebraska 1897
New Haven, Conn. 133 Dixwell av.
Philosophy

Wyatt Warner Taylor, PH.B.
Yale University 1900
Stamford, Conn. 22 College st.
Mechanical Engineering

John Martin Telleen, B.A.
Augustana College 1898
Rock Island, Ill. 149 St. John st.
English

Lucy Elizabeth Textor, PH.B.
University of Michigan 1894,
M.A. Leland Stanford Jr. Univ. 1895
Chicago, Ill. 72 Mansfield st.
History

Elbert Nevins Sèbring Thompson, B.A. *New Haven, Conn.*
Yale University 1900 — 95 Whalley av.
English

Clifford J. Thorn, LL.B.
Boston University 1896,
M.A. State Univ. of Iowa 1899 — *Knoxville, Iowa* — 333 York st.
Political and Social Science

Edward Thorstenberg, B.A.
Bethany College 1899 — *Assaria, Kansas* — 59 Prospect st.
German

John Quillin Tilson, B.A.
Yale University 1891,
M.A. Yale University 1894 — *Clearbranch, Tenn.* — 550 P.
Political and Social Science

Chauncey Brewster Tinker, B.A.
Yale University 1899 — *Denver, Colo.* — 36 E. D.
English

Cornelia Burton Trowbridge, B.S.
Cornell University 1899 — *West Haven, Conn.* — West Haven
Biology

Ralph DeForest Tucker, B.A.
Yale University 1895 — *Monson, Mass.* — 419 Temple st.
History

Edson Newton Tuckey, B.A.
Hamlin College, 1893 — *St. Paul, Minn.* — 16 York sq.
Economics

Mabelle Morris Ufford, B.L.
Smith College 1899 — *New Haven, Conn.* — 57 Grove st.
English

Frank Pell Underhill, PH.B.
Yale University 1900 — *Norwalk, Conn.* — 57 Prospect st.
Physiology and Physiol. Chemistry

Homer Krepps Underwood, B.A.
Washington and Jefferson Coll. 1899 — *Washington, Pa.* — 312 George st.
English

Albert William VanBuren, B.A.
Yale University 1900 — *Lynn, Mass.* — 261 Orange st,
Classics

Ralph Gibbs VanName, B.A.
Yale University 1899 — *New Haven, Conn.* — 121 High st.
Chemistry

Charles Philip Wagner, B.A.
Yale University 1899 — *Putnam, Conn.* — Paris, France
Romance Languages

Curtis Howe Walker, B.A.
Yale University 1899 — *New Haven, Conn.* — 124 W. D.
History

Edward Mansfield Walker, PH.B.
Yale University 1900 — *New Haven, Conn.* — 162 York st.
Civil Engineering

J. E. Wallace Wallin, B.A.
Augustana College 1897,
M.A. Yale University 1899 — *Stanton, Iowa* — 97 William st.
Philosophy

Arthur Gustavus Ward, B.A.
Yale University 1900 — *Evans Mills, N. Y.* — 128 High st.
German

Charles Milnor Washington, B.A. Yale University 1889	*Locust, N. J.*	1151 Chapel st. Biology
Halsey Albert Weaver, PH.B. Yale University 1895	*Woodstock, Conn.*	A. Civil Engineering
William Weber, B.D. Yale University 1900	*New Haven, Conn.*	336 George st. Semitic Languages and Biblical Literature
Moses Cook Welch, B.S. Yale University 1850	*Hartford, Conn.*	Hartford Biblical Literature
Charles Heald Weller, B.A. Yale University 1895	*New Haven, Conn.*	17 Parmelee av. Classics
Chauncey Wetmore Wells, B.A. Yale University 1896	*Middletown, Conn.*	203 Lawrence st. English
Philip Patterson Wells, PH.D. Yale University 1900	*New Haven, Conn.*	72 Mansfield st. History
Sidney Adams Weston, B.A. Yale University 1900	*Sharon, Mass.*	333 York st. Biblical Literature
John Wesley Wetzel, PH.B. Southwest Kansas College 1894	*Lena, Ill.*	409 George st. Political and Social Science
Lynde Phelps Wheeler, PH.B. Yale University 1894	*New Haven, Conn.*	333 York st. Physics
George Benjamin White, PH.B. Yale University 1900	*Cooperstown, N. Y.*	120 College st. Physiology and Physiol. Chemistry
John Whitmore, PH.D. Yale University 1892	*New Haven, Conn.*	147 Bradley st. Mathematics
Marian Parker Whitney	*New Haven, Conn.*	227 Church st. Romance Philology
George Reber Wieland, B.S. Pennsylvania State College 1893, PH.D. Yale University 1900	*Chester, Pa.*	M. Natural Science
Arthur Collins Williams, B.A. Yale University 1900	*Hartford, Conn.*	Hartford Biblical Literature
John Milton Willis, B.S. Swarthmore College 1894	*Fowling Creek, Md.*	10 Ashmun st. Chemistry
Edwin Bidwell Wilson, B.A. Harvard University 1899	*Cambridge, Mass.*	546 P. Mathematics
Mary Douglas Womack, B.S. Adelphi College 1899	*Farmville, Va.*	335 Orange st. Botany
Ruth Goulding Wood, B.L. Smith College 1898	*Pawtucket, R. I.*	1193 Chapel st. Mathematics

Alice Lincoln Wright, B.A. Wellesley College 1897	*New Haven, Conn.* English	128 York st.
Henry Burt Wright, B.A. Yale University 1898	*New Haven, Conn.* Classics	Dwight Hall
Seiichi Yamaguchi Doshisha University, Japan, 1896, M.A. Yale University 1900	*Kyoto, Japan* Political and Social Science	13 Edgewood av.
Masajiro Yokoyama Doshisha University, Japan, 1896	*Okayama, Japan* Political and Social Science	90 W. D.
Tokumatsu Yonemura, B.E. Caldwell College 1900	*Kumamoto, Japan* Economics	6 Trumbull st.
Elva Hulbard Young, B.A. Wellesley College 1896, M.A. 1898. LL.B. Cornell University 1898	*Springfield, Mass.* Economics	Springfield
George Zahm, LL.B. Yale University 1900	*Syracuse, N. Y.* Economics	276 Elm st.

GRADUATE STUDENTS, 304

ACADEMICAL DEPARTMENT

(YALE COLLEGE)

SENIOR CLASS

Edward Bradford Adams	*Westport, Conn.*	89 S. M.
Frederick Blanchard Adams	*Utica, N. Y.*	61 Wolcott st.
Arthur Dwight Allen	*Louisville, Ky.*	29 V.
Charles Willis Allen	*Louisville, Ky.*	29 V.
John Raymond Allen	*W. Springfield, Mass.*	73 S. M.
Walter Bateman Allen	*Hartford, Conn.*	356 WH.
Brewster Frost Ames	*Albany, N. Y.*	1010 Chapel st.
Ira Lincoln Anderson	*E. Orange, N. J.*	72 S. M.
Addison Clark Angus	*Oakham, Mass.*	Dwight Hall
Fred. William Arlt	*Rockville, Conn.*	587 State st.
Robert Lewis Atkinson	*St.Louis, Mo.*	342 WH.
Hugh Auchincloss	*New York City*	342 WH.
Henry Herbert Babcock	*Watertown, N. Y.*	303 W.
Frederick Beltz, Jr.	*Riverside, Conn.*	376 WH.
Dudley Stuart Blossom	*E. Cleveland, O.*	29 V.
John Dutton Bogart	*New York City*	125 N.
Frederick Douglass Bonner	*New Haven, Conn.*	37 Eaton st.
James Leonard Boyce	*Chicago, Ill.*	59 V.
Edward Dudley Bradstreet	*Meriden, Conn.*	220 D.
Lewis Hollister Bronson	*New Haven, Conn.*	89 S. M.
Edward David Brown	*Albany, Ga.*	201 D.
Edwin Hewitt Brown	*E. Cleveland, O.*	23 V.
Francis Gordon Brown, Jr.	*Flushing, N. Y.*	341 WH.
Howard Melville Brown	*Comstock's Bridge, Conn.*	220 D.
Lewis Paul Brown	*Des Moines, Iowa*	116 Howe st.
Charles Benedict Buckingham	*Watertown, Conn.*	370 WH.
Lawrence Knight Butler	*Detroit, Mich.*	1 V.
Eben McBurney Byers	*Allegheny, Pa.*	331 WH.
Morton David Cahn	*Chicago, Ill.*	18 V.
Alexander Cameron, Jr.	*Brooklyn, N. Y.*	289 W.
Howard Carleton	*Brooklyn, N. Y.*	12 V.
James Mandeville Carlisle	*Washington, D. C.*	335 WH.
Thomas Carlton Carson	*Syracuse, N. Y.*	373 WH.
Luke Berne Carter	*Titusville, Pa.*	30 V.
Alexander Henry Carver	*Philadelphia, Pa.*	12 V.
Lacey Davis Caskey	*Dresden, Germany*	295 W.

George Lewis Catlin	*Bridgeport, Conn.*	367 WH.
Aims Reading Chamberlain	*Warwick, N. Y.*	221 D.
John Bullard Chamberlin	*Unionville, Conn.*	104 N.
Robert Woods Chandler	*New Haven, Conn.*	13 V.
Harold Chappell	*New London, Conn.*	39 V.
Philip Cheney	*S. Manchester, Conn.*	178 LYC.
Thomas Langdon Cheney	*S. Manchester, Conn.*	178 LYC.
Frank Miller Chisholm	*Savannah, Ga.*	39 V.
Henry Chisholm	*East Cleveland, O.*	67 V.
George Peters Chittenden	*New York City*	238 D.
Henry Hall Christian	*Minneapolis, Minn.*	28 V.
Emerson Brewer Christie	*Tarsus, Turkey*	72 S. M.
Frederick Mortimer Clapp	*New York City*	400 B.
Samuel Hopkins Clapp	*Pawtucket, R. I.*	312 W.
Fred Augustus Clark	*Scranton, Pa.*	287 W.
George Maxwell Clark	*Brooklyn, N. Y.*	249 L.
William Pancoast Clyde, Jr.	*New York City*	320 W.
Harold Bradford Colton	*Hartford, Conn.*	40 V.
Alfred Conkling Coxe, Jr.	*Utica, N. Y.*	336 WH.
Sherman Lockwood Coy	*Lakeville, Conn.*	15 V.
Ralph Emerson Crandall	*Leonardsville, N. Y.*	100 N.
Owen Crawford	*Cincinnati, O.*	378 WH.
John Leslie Crosthwaite, Jr.	*Buffalo, N. Y.*	58 V.
Eugene Newton Curtis	*White Plains, N. Y.*	295 W.
Henry Stiles Curtiss	*Cleveland, O.*	59 V.
Julian Day	*New York City*	240 D.
Charles Mills DeForest	*New Haven, Conn.*	389 B.
Justus Gerhard Dettmer	*Brooklyn, N. Y.*	203 D.
Fred Stone Dodson	*Andover, Mass.*	110 N.
Edward Francis Donnelly	*Detroit, Mich.*	322 W.
Barton Talcott Doudge	*New York City*	68 V.
William Joseph Downs	*Danbury, Conn.*	108 N.
Charles Dupee	*Plainfield, N. J.*	285 W.
Oliver Hall Eddy	*Evanston, Ill.*	45 V.
Richard Henry Edwards	*Lisle, N. Y.*	369 WH.
John Shepard Eells	*Ross Station, Cal.*	19 V.
Frederick Benjamin Eiseman	*St. Louis, Mo.*	48 V.
Eldridge Lyon Eliason	*Chestertown, Md.*	246 L.
Gayton Ballard Ellis	*Brooklyn, N. Y.*	56 V.
Howard Lightner Eshleman	*Leaman Place, Pa.*	108 N.
William Stickney Ewell	*Washington, D. C.*	239 D.
William Frederick Fanslow	*New Haven, Conn.*	53 Salem st.
John Arthur Findley	*Andover, Mass.*	128 High st.
Caleb Ellis Fisher	*Fargo, N. D.*	66 W. D.

James Louis Fiske	*S. Killingly, Conn.*	1010 Chapel st.
Robert Sharp Fletcher	*New York City*	368 WH.
Harry Monteith Flint	*Collinsville, Conn.*	355 WH.
Hubert Bruce Fuller B A. Columbian Univ. 1900	*Washington, D. C.*	159 Elm st.
Lewis Edwards Fulton	*Waterbury, Conn.*	350 WH.
Paul Thomas Gilbert	*Cincinnati, O.*	40 V.
Roy Hawkes Gilpatrick	*Machias, Me.*	212 D.
Arthur Huntington Gleason	*S. Norwalk, Conn.*	286 W.
Benjamin Spencer Gowen	*Winchester, Tenn.*	130 Howe st.
Harry Starin Gray	*New York City*	329 W.
Clifford Greene	*Cincinnati, O.*	42 V.
George Partridge Greenhalgh	*Lafayette, Ind.*	42 V.
Arthur Llewellyn Griffiths	*Malden, Mass.*	97 N.
John Payson Grosvenor	*Pomfret Centre, Conn.*	17 V.
Frederic Reynolds Haight	*New Haven, Conn.*	410 Winthrop av.
Robert Earle Broughton Hall	*New Haven, Conn.*	45 V.
William Frederick Hamilton	*New Haven, Conn.*	131 Washington st.
Proctor Wadsworth Hansl	*New York City*	1151 Chapel st.
Fred Gould Harris	*Cleveland, O.*	283 W.
Ernest Hausberg	*Charles City, Iowa*	49 V.
Henry Wilder Healy	*Brooklyn, N. Y.*	382 WH.
Lewis Edward Hemenway	*Manchester, Vt.*	339 WH.
George Garr Henry	*Washington, D. C.*	6 V.
Harold Storrs Hetrick	*Norwich, Conn.*	128 N.
Allan Mortimer Hirsh	*Richmond, Va.*	6 V.
William Reynolds Hitt	*Washington, D.C.*	50 V.
Robert Burns Hixon	*La Crosse, Wisc.*	30 V.
Lester Shands Holmes	*New York City*	284 W.
William Warner Hoppin, Jr.	*New York City*	341 WH.
John Huntington Hord	*Cleveland, O.*	178 LYC.
Walter Bruce Howe	*Washington, D.C.*	238 D.
Willard Duncan Howe	*W. Pittston, Pa.*	236 D.
Warren J. Hoysradt	*Hudson, N. Y.*	15 V.
William Southworth Hunt	*Chatham, N. J.*	204 D.
Harold Bruce Hunting	*Berea, Ky.*	99 N.
William Hills Hutchins	*Indian Orchard, Mass.*	413 B.
Edwin Lorenzo Howell Hutchinson	*Quogue, N. Y.*	83 S. M.
Warren Sperry Jarvis	*Brooklyn, N. Y.*	203 D.
Paul Bowen Alden Johnson	*Washington, D. C.*	408 B.
Edmund Lawrence Jones	*Cincinnati, O.*	33 V.
John William Joy	*Waterbury, Conn.*	73 S. M.
Henry Pratt Judd	*Honolulu, H. I.*	339 WH.
Frederick Snow Kellogg	*Montclair, N. J.*	219 D.

Luther Laflin Kellogg, Jr.	*New York City*	58 V.
John Arthur Keppelman	*Reading, Pa.*	28 V.
Arthur Houghton Killen	*Dunkirk, N. Y.*	366 WH.
Henry Willis King	*Thompsonville, Conn.*	355 WH.
Ranulph Kingsley	*New Rochelle, N. Y.*	138 F.
Garrett Bergh Kip	*New York City*	67 V.
Dudley Bates Lawrence	*New York City*	331 WH.
Paul John Leidigh	*Kansas City, Mo.*	367 WH.
Edwin Colby Lewis	*St. Johnsbury, Vt.*	400 B.
Galen David Light B.A. Lebanon Valley Coll. 1900	*Jonestown, Pa.*	52 E. D.
Emory Hopewell Lindenberger	*Louisville, Ky.*	2 V.
Wilford Williams Linsly	*New York City*	299 W.
Porter Hodge Linthicum	*Evansville, Ind.*	354 WH.
James Lee Loomis	*Granby, Conn.*	378 WH.
George Blakeman Lovell	*New Haven, Conn.*	408 B.
Henry Sayrs McAuley	*Chicago, Ill.*	1151 Chapel st.
John Oppie McCall	*Binghamton, N. Y.*	236 D.
Downer McCord	*Chicago, Ill.*	49 V.
Robinson Barnes McFadon	*Chadron, Nebr.*	58 W. D.
Charles McLean	*Newport, R. I.*	322 W.
Frank Barrows Makepeace, Jr.	*Springfield, Mass.*	382 WH.
William Mills Maltbie	*Granby, Conn.*	247 L.
Louis Manierre	*Chicago, Ill.*	285 W.
Albert Hunt Marckwald	*Brooklyn, N. Y.*	21 V.
Frederick Griswold Mason	*Waterbury, Conn.*	343 WH.
Maurice Mason	*Chicago, Ill.*	178 LYC.
Colton Maynard B.A. Columbian Univ. 1900	*Washington, D. C.*	269 L.
Everett Victor Meeks	*Meriden, Conn.*	22 College st.
Merritt Heminway Merriman	*Waterbury, Conn.*	370 WH.
Walter Eugene Meyer	*New York City*	52 V.
James Layng Mills	*Philadelphia, Pa.*	178 LYC.
Paul Lincoln Mitchell	*Cincinnati, O.*	33 V.
Paul Miller Mohr	*Kansas City, Mo.*	371 WH.
Paul Dwight Moody	*E. Northfield, Mass.*	358 WH.
William Gerald Dare Morgan	*New York City*	61 V.
Ray Morris	*New Haven, Conn.*	335 WH.
Russell Mott	*Michigan City, Ind.*	371 WH.
Timothy Whitfield Mulford	*Kansas City, Mo.*	376 WH.
Harold Clark Neal	*Harrisburg, Pa.*	287 W.
Russell Hubbard Nevins	*Stamford, Conn.*	356 WH.
De Witt Clinton Noyes	*New York City*	3 V.
Herman Parker Olcott	*New York City*	219 D.

Albert Robert Palmer	*E. Orange, N. J.*	85 W. D.
Reginald Gates Pape B.S. Wabash Coll. 1900	*Calhoun, Ky.*	40 Lake pl.
James Anderson Parker	*Louisville, Ky.*	204 D.
Morris Ketchum Parker	*New York City*	240 D.
Robert William Parsons	*New York City*	61 V.
Joseph Medill Patterson	*Chicago, Ill.*	289 W.
Clifford Gordon Pearce	*Jacksonville, Fla.*	346 WH.
William Alexander Penny	*St. Louis, Mo.*	283 W.
Walter Hart Perry	*Oxford, Conn.*	114 N.
Clide Ernest Pettit B.A. Tarkio Coll. 1900	*Stuttgart, Ark.*	22 Whalley av.
Clarkson Potter	*St. Louis, Mo.*	20 V.
Sylvester David Powell	*Easton, Conn.*	27 Wooster pl.
William Sumner Pritchard	*Brockton, Mass.*	374 WH.
Stanley Burnet Resor	*Cincinnati, O.*	138 F.
George Vogdes Reynolds	*St. Louis, Mo.*	340 WH.
Edward Chauncey Rice, Jr.	*New York City*	68 V.
Allan Harvey Richardson	*Waterbury, Conn.*	Dwight Hall
Ralph Redpath Richardson	*St. Joseph, Mo.*	62 V.
Frank McDonnell Camp Robertson	*Parish, N. Y.*	6 V.
Thomas Markoe Robertson	*New York City*	240 D.
Charles Edgar Rogers, Jr.	*Brooklyn, N. Y.*	249 L.
Ralph Ernest Rogers	*Rochester, N. Y.*	64 V.
Thomas Wright Russell, Jr.	*Hartford, Conn.*	343 WH.
Frederick Richard Ryan	*New Haven, Conn.*	379 Howard av.
Carl Frederick Francis Schulz	*Corona, N. Y.*	402 B.
William Prescott Scott	*San Francisco, Cal.*	26 V.
Herbert Scoville	*New York City*	57 V.
Frank Rose Serles	*Hornellsville, N. Y.*	385 B.
Henry Pleasants Shaw	*New Haven, Conn.*	128 N.
Jacques Lewis Silverman	*Williamsport, Pa.*	579 P.
Norton Myron Skiff	*Dundee, N. Y.*	66 W. D.
Ernest Walker Smith	*Hartford, Conn.*	321 W.
George Milton Smith	*New York City*	368 WH.
Richard Selden Spencer	*Deep River, Conn.*	13 V.
Robert Vaughan Spencer	*Jasper, N. Y.*	420 B.
Lester Morgan Spier	*Glens Falls, N. Y.*	19 V.
William Arthur Stickney	*St. Louis, Mo.*	44 V.
George Schley Stillman	*Brooklyn, N. Y.*	320 W.
Edward C. Stone	*Hartford, Conn.*	394 B.
Emanuel Emory Straus	*Louisville, Ky.*	201 D.
Prentice Strong	*New York City*	3 V.
Frederick William Struby	*Denver, Col.*	22 V.

James Spencer Taintor	*Hartford, Conn.*	346 WH.
Charles Thaddeus Terry	*Milan, Italy*	97 N.
Arthur Abbot Thomas	*Providence, R. I.*	373 WH.
Charles Ai Thomas	*New Milford, Conn.*	58 W. D.
John Hudson Thomas	*Berkeley, Cal.*	369 WH.
Leonard Moorhead Thomas	*Philadelphia, Pa.*	50 V.
Edwin Potter Thompson	*Fort Douglas, Utah*	125 N.
Paul Thompson	*New Haven, Conn.*	100 N.
Malvern Hall Tillitt	*Elizabeth City, N. C.*	411 B.
Burton Isaac Tolles	*Ansonia, Conn.*	364 Orchard st.
John Canfield Tomlinson, Jr.	*New York City*	14 V.
Edward Everett Tredway	*Gloversville, N. Y.*	100 N.
Julius Tuckerman	*Wallingford, Conn.*	Wallingford
Edwin Hotchkiss Tuttle	*New Haven, Conn.*	217 Mansfield st.
Lucius Tuttle	*New Haven, Conn.*	217 Mansfield st.
Burton Parker Twichell	*Hartford, Conn.*	178 LYC.
Kinsley Twining, Jr.	*Morristown, N. J.*	335 WH.
Roger Pierpont Tyler	*New Haven, Conn.*	178 LYC.
Edwin Orlando Vaile, Jr.	*Oak Park, Ill.*	374 WH.
Fred Miller VanWicklen	*Brooklyn, N. Y.*	21 V.
Joseph Tilney Wadsworth	*Plainfield, N. J.*	20 V.
Dana Lewis Walcott	*Rutherford, N. J.*	83 S. M.
Harold Sedgwick Wallace	*Ansonia, Conn.*	178 LYC.
Richard Wilson Walsh	*Chicago, Ill.*	319 W.
Harry Edwin Ward	*Clinton, Conn.*	379 WH.
William Howe Warren	*Holden, Mass.*	239 D.
Cameron Beach Waterman	*Detroit, Mich.*	1 V.
William Prime Wattles	*Philadelphia, Pa.*	375 WH.
James Hutchinson Wear	*St. Louis, Mo.*	340 WH.
Albert Micajah Webb	*Bell Buckle, Tenn.*	379 WH.
Harvey Thomas Weeks, Jr.	*Chicago, Ill.*	301 W.
George Arnold Welch	*Cleveland, O.*	336 WH.
Ralph Olney Wells	*Hartford, Conn.*	247 L.
Harry Dexter Wescott	*Haddonfield, N. J.*	263 L.
Wilhelmus David Allen Westfall	*Montague, N. J.*	302 W.
Heywood Hotchkiss Whaples	*Hartford, Conn.*	321 W.
Frost Montaine Wheeler	*St. Paul, Minn.*	375 WH.
Carlton Taylor White	*Noroton, Conn.*	25 High st.
George Luther White, Jr.	*Waterbury, Conn.*	308 W.
Ogden Watson White	*Waterbury, Conn.*	17 V.
James Lyman Whitney	*Branford, Conn.*	354 WH.
Oliver Martin Wiard	*New Britain, Conn.*	104 N.
Arthur Shaler Williams	*New Haven, Conn.*	221 D.
Bluford Wilson, Jr.	*Springfield, Ill.*	62 V.

Edwin Barnes Wilson	*Claverack, N. Y.*	236 D.
Robert Bruce Wilson	*Portland, Oregon*	2 V.
Convers Buckingham Woolsey	*Englewood, N. J.*	350 WH.
Theodore Salisbury Woolsey, Jr.	*New Haven, Conn.*	182 LYC.
Alfred Parks Wright	*New Haven, Conn.*	358 WH.
Simon Snyder Wyand B.A. Western (Iowa) Coll. 1900	*Eakles Mills, Md.*	343 George st.
Jesse Sidney Wyler	*Cincinnati, O.*	315 W.
Arthur Frederic Yaggy	*Lake Forest, Ill.*	57 V.
Arthur Jewett Young	*Brunswick, Me.*	23 V.
		SENIORS, 260

JUNIOR CLASS

Stephen Henry Abbey	*Kingston, N. Y.*	242 L.
Franklin Abbott	*Pittsburg, Pa.*	318 W.
Gardner Abbott	*Cleveland, O.*	54 V.
Oliver Sidney Ackley, Jr.	*Brooklyn, N. Y.*	253 L.
Clarence Henry Adams	*Denver, Col.*	234 D.
Ellis Adams	*Summit, N. J.*	291 W.
George Waugh Albin	*St. Louis, Mo.*	253 L.
John deKoven Alsop	*Middletown, Conn.*	5 V.
Coleman Emanuel Andel	*Belleville, Ill.*	364 WH.
Roscoe Whalen Armstrong	*Clinton, Iowa*	51 V.
Anthony Brown Arnold	*Plainfield, Conn.*	157 F.
George Wheeler Babcock	*Neenah, Wisc.*	41 V.
Charles Seiser Baer	*Lancaster, Pa.*	398 B.
Phillips Bancroft	*Andover, Mass.*	110 N.
Courtlandt Dixon Barnes	*New York City*	46 V.
Francis Blackman Barnett	*South Glastonbury, Conn.*	120 N.
Charles Houghton Baxter	*Elmira, N. Y.*	11 V.
Raymond Vreeland Baylor	*Newark, N. J.*	233 D.
Laurance Baldwin Beckwith	*Toledo, O.*	325 W.
Krebs Beebe	*Chicago, Ill.*	259 L.
Frederick Beers	*New Haven, Conn.*	262 L.
Raymond Bissell	*Buffalo, N. Y.*	381 WH.
Dixon Boardman	*New York City*	306 W.
Louis Frederick Boder	*St. Joseph, Mo.*	35 V.
William Gates Bourn	*Yonkers, N. Y.*	254 L.
Newton Case Brainard	*Hartford, Conn.*	66 V.
Jacob Braun	*New Haven, Conn.*	211 State st.
Herbert Bruce Brougham	*Owego, N. Y.*	66 W. D.
Irving VanDuyne Brown	*South Orange, N. J.*	123 N.
James Brown	*Buffalo, N. Y*	147 College st.
Graham Brush	*New York City*	334 WH.
Julian Winsor Burdick	*Albany, N. Y.*	34 V.
Louis Herbert Burlingham	*Willimantic, Conn.*	251 L.
Frederic Burnham	*Chicago, Ill.*	372 WH.
John Booth Burrall	*Waterbury, Conn.*	63 V.
Leonard Theaker Bushnell	*New Bedford, Mass.*	129 F.
John Alexander Callender	*Providence, R. I.*	288 W.
Frederic Wells Campbell	*New Haven, Conn.*	100 Whalley av.
George Boone Carpenter	*Chicago, Ill.*	337 WH.
Walter Lawrence Chamberlain	*Springfield, Mass.*	414 B.
Harry Baldwin Chamberlin	*Unionville, Conn.*	101 N.

Terry Joseph Chapin	*Enfield, Conn.*	365 WH.
William Lyman Chase	*Palmyra, N. Y.*	414 B.
Simeon Baldwin Chittenden, Jr.	*Brooklyn, N. Y.*	386 B.
Arthur Bryan Clark	*Milford, Conn.*	372 WH.
Philo Douglas Clark	*Red Oak, Iowa*	242 L.
William Edward Clegg	*Providence, R. I.*	114 N.
Oliver Morton Clifford	*St. Louis, Mo.*	252 L.
Clement Hale Cochran	*Buffalo, N. Y.*	381 WH.
Percy Bayard Cochran	*Uniontown, Pa.*	147 F.
Richard Huntington Cole	*Hartford, Conn.*	262 L.
Charles Harold Collins	*Brooklyn, N. Y.*	305 W.
Henry Elliott Colton	*Campbellsville, Ky.*	124 N.
Robert Haskell Cory	*Englewood, N. J.*	317 W.
Harry Borrows Cox	*Newark, N. J.*	7 V.
William Stickney Creevey	*Brooklyn, N. Y.*	10 V.
Alfred Miller Cressler	*Fort Wayne, Ind.*	306 W.
Charles Cyprian Strong Cushing	*Simsbury, Conn.*	325 W.
Carl Willis Davis	*Hartford, Conn.*	314 W.
George Eugene Davis	*Hartford, Conn.*	148 F.
William Edward Davis, Jr.	*Whitneyville, Conn.*	55 V.
David Sheldon Day	*Colchester, Conn.*	395 B.
William Edwards Day	*Indianapolis, Ind.*	34 V.
Sidney Norton Deane	*Northfield, N. Y.*	148 F.
James Rogers Deering	*New York City*	291 W.
Edward Henry Delafield	*New York City*	47 V.
George Allen Dewey	*Oneida, N. Y.*	313 W.
William LeRoy Dix	*Island Pond, Pa.*	285 York st.
Robert Bartlett Dresser	*Charlotte, N. C.*	51 V.
Guilford Dudley, Jr.	*Topeka, Kan.*	392 B.
Holland Sackett Duell	*Washington, D. C.*	349 WH.
William Wheeler Duncan	*Chatham, N. Y.*	252 L.
Frank Manson Eastman	*Boise, Idaho*	54 V.
Edward Easton, Jr.	*Albany, N. Y.*	183 LYC.
Henry Sturges Ely,	*Binghamton, N. Y.*	286 W.
William Dean Embree	*Berea, Ky.*	99 N.
William Abraham Evans	*Nanticoke, Pa.*	103 N.
Harold Chester Evarts	*Providence, R. I.*	271 L.
Willard Horace Fanton	*Weston, Conn.*	103 N.
Alton Farrel	*Ansonia, Conn.*	387 B.
Alfred Ludlow Ferguson	*Stamford, Conn.*	310 W.
Edward FitzGerald	*Derby, Conn.*	126 N.
Allison Sweeney Fleming	*Fairmount, W. Va.*	323 W.
Charles Paxson Flora	*Columbia, Pa.*	126 N.
Sterling Thompson Foote	*New York City*	10 V.

Charles Ring Foster	*Westfield, N. J.*	373 Crown st.
Edward Lyttleton Fox	*New York City*	318 W.
Charles Broaddus Francis	*St. Louis, Mo.*	47 V.
Charles Driver Francis	*Winchester, Tenn.*	380 WH.
Nathan Roscoe Francis	*Winchester, Tenn.*	338 WH.
Edward Wiley Frisbie	*Hartford, Conn.*	352 WH.
Henry Larned Galpin	*New Haven, Conn.*	333 WH.
Samuel Warren Gardner	*Maplewood, N. J.*	123 N.
William Smith Garnsey, Jr.	*Gloversville, N. Y.*	317 W.
William Thomas Garrett	*Nashville, Tenn.*	261 L.
John Stephen Garvan	*Hartford, Conn.*	326 W.
Robert Shaeffer Gast	*Pueblo, Col.*	234 D.
Robert Hale Ives Goddard, Jr.	*Providence, R. I.*	324 W.
William Benjamin Godfrey, Jr.	*Honolulu, H. I.*	120 College st.
James Lester Goodwin	*Hartford, Conn.*	357 WH.
Percy VanDuzer Gott	*Goshen, N. Y.*	292 W.
Charles Gould	*Albany, N. Y.*	183 LYC.
Edwin Carleton Granbery	*New York City*	296 W.
Robert Perkins Griffing	*Riverhead, N. Y.*	65 V.
Raymond Gano Guernsey	*Poughkeepsie, N. Y.*	277 L.
William Potter Haines	*Buffalo, N. Y.*	259 L.
Arthur Benedict Hall	*New Britain, Conn.*	261 L.
John Raymond Hall	*Dansville, N. Y.*	326 W.
Lewis Burton Hall, Jr.	*Brooklyn, N. Y.*	218 D.
Henry William Hamlin	*Canandaigua, N. Y.*	330 W.
John LeRoy Hammond	*Savannah, Ga.*	8 V.
William Hance	*Stephensburg, N. J.*	403 B.
John Babinger Hart	*Cincinnati, O.*	318 W.
Wells Southworth Hastings	*New York City*	377 WH.
Laurent Heaton	*Hartford, Conn.*	357 WH.
William Worthington Herrick	*Tampa, Fla.*	314 W.
George Ainslie Hewett	*Louisville, Ky.*	41 V.
Theodore Brown Hewitt	*Williamstown, Mass.*	129 F.
James Crane Higgins	*East Orange, N. J.*	11 V.
William Alvin Higgins	*Flemington, N. J.*	122 N.
Alfred Reed Hill	*Nevada, Mo.*	260 L.
George Washington Hitner	*Pottstown, Pa.*	257 L.
Lucius Hudson Holt	*Hartford, Conn.*	156 F.
Henry Stewart Hooker	*Washington, D.C.*	60 V.
William Brian Hooker	*Farmington, Conn.*	352 WH.
Charles Sterns Hopkins	*Bangor, Me.*	24 V.
Philip Mead Howe	*South Windsor, Conn.*	105 N.
Samuel Henry Howe, Jr.	*Norwich, Conn.*	157 F.
Harry Mortimer Hubbell	*New Haven, Conn.*	124 N.

James Wakeman Hubbell	*New York City*	147 F.
Brewster Terry Hudson	*Rochester, N. Y.*	64 V.
John Joseph Hughes	*Lansingburg, N. Y.*	417 B.
George Huntington Hull, Jr.	*Tuxedo Park, N. Y.*	4 V.
Howard Donald Humiston	*Minneapolis, Minn.*	92 W. D.
Joseph Read Hunter	*Oak Park, Ill.*	35 V.
Alvan Waldo Hyde	*Hartford, Conn.*	66 V.
Frederick Francis Whitney Jackson	*West Haven, Conn.*	254 L.
D L James	*Kansas City, Mo.*	397 B.
Floyd Welman Jefferson	*Louisville, Ky.*	4 V.
Stewart Johnson	*Diaz, Mex.*	290 W.
Leslie Morgan Johnston	*Westmoreland, N. Y.*	277 L.
Edgar Allen Jones	*Scranton, Pa.*	121 N.
Paul Jones	*Wilkes-Barré, Pa.*	347 WH.
Frederic Rose Keator	*Rock Island, Ill.*	349 WH.
James Cuyler Kimball	*Governor's Island, N. Y.*	69 V.
Arthur Hurlburt Kinney	*New Haven, Conn.*	208 Whalley av.
Walter Martin Krementz	*Newark, N. J.*	43 V.
Merritt Proctor Lancaster	*Lexington, Ky.*	4 V.
Harry Langdon Laws	*Cincinnati, O.*	60 V.
George Lear, 2d	*Doylestown, Pa.*	377 WH.
Eugene Selden Leavell	*Houston, Tex.*	299 York st.
Burton Howard Lee	*New Haven, Conn.*	146 Lamberton st.
Eugene Heitler Lehman	*Pueblo, Colo.*	270 L.
George Gould Lincoln	*Washington, D. C.*	332 WH.
Roy Alton Lincoln	*Albany, N. Y.*	300 W.
George Walter Lindenberg	*Columbus, O.*	337 WH.
Benjamin Robbins Curtis Low	*Brooklyn, N. Y.*	9 V.
Ethelbert Ide Low	*Brooklyn, N. Y.*	9 V.
Arthur Crosby Ludington	*New York City*	60 V.
Huc Mazelet Luquiens	*New Haven, Conn.*	333 WH.
Willard Blackinton Luther	*Providence, R. I.*	294 W.
Walter Lester Lyon	*New York City*	393 B.
Thomas Aloysius McAvoy	*Worcester, Mass.*	114 N.
Howard George McDowell	*Cohoes, N. Y.*	36 V.
John Clute McDowell	*Cohoes, N. Y.*	36 V.
John Sample McKelvy, Jr.	*Pittsburg, Pa.*	345 WH.
James Nelson Mandeville	*Webster, N. Y.*	95 S. M.
Alfred Edgerton Manierre	*Chicago, Ill.*	272 L.
Frank Tucker Mason	*Brooklyn, N. Y.*	345 WH.
Norman Howell Mason	*Chicago, Ill.*	325 W.
Roy Murdoch Mason	*Chicago, Ill.*	43 V.
Howard Olcott Mather	*Suffield, Conn.*	107 N.
Henry Sargent Mead	*Dayton, O.*	305 W.

Graham Kingsbury Mellen	*St.Paul, Minn.*	55 V.
Payson McLane Merrill	*New York City*	160 F.
Charles Conrad Meyer	*Louisville, Ky.*	183 LYC.
Christian Meyer, Jr.	*Webster, N. Y.*	95 S. M.
Charles Duncan Miller	*New York City*	294 W.
Martin Peck Miller	*Westfield, Mass.*	225 D.
Malcolm Moore	*Buffalo, N. Y.*	353 WH.
Rodman Wister Moorhead	*Pittsburg, Pa.*	272 L.
Binnie Morison	*Montclair, N. J.*	47 V.
Herbert Edwin Morris	*New Haven, Conn.*	408 Crown st.
George Guy Murphry	*Bridgeport, Conn.*	121 W. D.
Frank Wells Nevins	*Stamford, Conn.*	383 B.
Downer Hazen Newell	*St.Johnsbury, Vt.*	106 N.
Samuel Newman	*Pueblo, Col.*	270 L.
Robert Bruce Nisbet	*Rome, N. Y.*	311 York st.
Edwin Gates Norman	*Ledyard, Conn.*	101 N.
Robert Castle Norton	*Cleveland, O.*	16 V.
George Woodward Noyes	*Cincinnati, O.*	25 V.
Elwood Luther Orwig, Jr.	*Lansford, Pa.*	121 N.
Clifford Herrick Owen	*Cohocton, N. Y.*	106 N.
Andrew Dickson Packer	*Brooklyn, N. Y.*	91 W. D.
Albion Gile Peirce	*Methuen, Mass.*	146 F.
Harry Alfred Peters	*Allentown, Pa.*	107 N.
Benjamin Judah Phelps	*West Suffield, Conn.*	127 N.
Isaac Gray Phillips	*Winchester, Tenn.*	353 WH.
Jay Morse Pickands	*Cleveland, O.*	383 B.
Howard Weidner Pierce	*New Brighton, Pa.*	59 W. D.
William Wallis Platt	*Colorado Springs, Col.*	90 Whalley av.
Lucius Beverly Pond	*Unionville, Conn.*	142 F.
Roderick Potter	*Buffalo, N. Y.*	248 L.
Thomas Danford Potwin	*East Windsor, Conn.*	93 S. M.
Robert Arthur Pritchard	*Brockton, Mass.*	374 WH.
Laurance Blanchard Rand	*Lawrence, N. Y.*	309 W.
Kersey Coates Reed	*Kansas City, Mo.*	409 B.
Dorrance Reynolds	*Wilkes-Barré, Pa.*	21 E. D.
Henry Suydam Reynolds	*New York City*	10 V.
George Irving Rhoda	*Gloversville, N. Y.*	93 S. M.
Milo Barnum Richardson, Jr.	*Lime Rock, Conn.*	65 V.
Edward Hammond Risley	*Waterbury, Conn.*	218 D.
Harry Miller Robbins	*St.Paul, Minn.*	27 V.
Charles Asaph Roberts	*Hartford, Conn.*	105 N.
Walter Farley Roberts	*Utica, N. Y.*	313 W.
Henry Alexander Rogers	*New Haven, Conn.*	92 W. D.
Henry Pendleton Rogers, Jr.	*New York City*	324 W.

Albert Edward Roraback	*Canaan, Conn.*	258 L.
Bronson Case Rumsey, 3d	*Buffalo, N. Y.*	309 W
Charles Cooke Russ	*Hartford, Conn.*	256 L.
Henry Camp Russ	*Hartford, Conn.*	256 L.
Ralph Ryan	*Sharon, Conn.*	1081 Chapel st.
Charles Felix Samson	*New York City*	37 V.
Curtiss Aldrich Sanford	*Yonkers, N. Y.*	225 D.
Hugh Satterlee	*Rochester, N. Y.*	27 V.
John Joseph Scanlan	*New Haven, Conn.*	40 Gregory st.
Gustav Schwab, 4th	*New York City*	35 V.
George Howard Sellers	*Buffalo, N. Y.*	279 Crown st.
Henry Stoddard Sherman	*Cleveland, O.*	16 V.
William Richard Sidenberg	*New York City*	37 V.
Ralph Merriam Simonds	*Worcester, Mass.*	329 W.
Frank Huestis Sincerbeaux	*Moravia, N. Y.*	257 L.
Edward Levi Skinner	*Westfield, N. Y.*	298 W.
Frank Joseph Sladen	*Portland, Oregon*	348 WH.
Aubrey Adam Smith	*St. Edward, Nebr.*	8 V.
Charles William Smith	*Easthampton, Mass.*	142 F.
Herbert William Smith	*North Haven, Conn.*	271 L.
Keith Smith	*Chicago, Ill.*	391 B.
Scott Lord Smith	*South Wilton, Conn.*	290 W.
Keith Spalding	*New York City*	69 V.
Franklin Maynard Spear	*Lowell, Mass.*	233 D.
Lyman Strong Spitzer	*Toledo, O.*	25 V.
Edwin Allen Stebbins	*Rochester, N. Y.*	298 W.
Porter Steele	*Brooklyn, N. Y.*	398 B.
Melville Alphonse Stern	*New York City*	304 W.
Henry Budington Stoddard	*Bridgeport, Conn.*	63 V.
Samuel Harold Stone	*Syracuse, N. Y.*	31 V.
Rush Sturges	*Providence, R. I.*	32 V.
Joseph Rockwell Swan, Jr.	*Utica, N. Y.*	310 W.
Henry Lee Sweinhart	*Pottstown, Pa.*	127 Dwight st.
John Taber	*Auburn, N. Y.*	141 F.
Charles Denison Talcott	*Talcottville, Conn.*	414 B.
Louis Hart Talcott	*Talcottville, Conn.*	158 F.
Morris Gardner Talcott	*Talcottville, Conn.*	158 F.
Alan McLean Taylor	*Mansfield, O.*	337 WH.
Bernard George Teel	*Vernon Center, Conn.*	156 F.
William Romer Teller	*Kingston, N. Y.*	24 V.
John Ferguson Tenney	*Methuen, Mass.*	146 F.
Henry Clarke Thacher	*New Haven, Conn.*	260 L.
Charles Seymour Thompson	*New Haven, Conn.*	127 N.
Norman Campbell Thorne	*Central Valley, N. Y.*	184 B.

Richard Barber Tillinghast	*New York City*	294 W.
Harry Warren Tompkins	*Matteawan, N. Y.*	120 N.
Mason Trowbridge	*Chicago, Ill.*	248 L.
Thomas Nugent Troxell	*West Pittston, Pa.*	7 V.
Willis Gaylord Tucker, Jr.	*Albany, N. Y.*	316 W.
James Alden Valentine	*Breckinridge, Minn.*	384 B.
Reginald Claypool Vanderbilt	*New York City*	31 V.
Dorr Viele	*Buffalo, N. Y.*	330 W.
Joseph Hill Walker	*Wartrace, Tenn.*	338 WH.
Lewis Frederick Walton	*New York City*	212 D.
George Burwell Ward	*Bristol, Conn.*	353 WH.
Henry Goodman Waters	*Buffalo, N. Y.*	51 V.
Arthur Yancey Wear	*St. Louis, Mo.*	46 V.
Bradley Agard Welch	*Torrington, Conn.*	380 WH.
Paul Hamilton Welch	*Brooklyn, N. Y.*	316 W.
Henry Frank Wells	*New York City*	334 WH.
John Jared Welsh	*South Orange, N. J.*	123 N.
Homer Augustus Wessel, Jr.	*Cincinnati, O.*	334 WH.
Arthur Stanley Wheeler	*New Haven, Conn.*	86 Trumbull st.
Charles Dean White	*Auburn, N. Y.*	405 B.
Percy Gardiner White	*Gardiner, Me.*	5 V.
Frederic Averill Whittlesey	*Hotchkissville, Conn.*	405 B.
Mark Skinner Willing	*Chicago, Ill.*	332 WH.
Samuel Dudley Woodhouse	*Wethersfield, Conn.*	348 WH.
James Wright	*New York City*	347 WH.
John Niel McLeod Wylie	*New York City*	91 W. D.
Bartlett Golden Yung	*Hartford, Conn.*	357 WH.

JUNIORS, 288

SOPHOMORE CLASS

Charles Roberts Aldrich	*Evanston, Ill.*	391 B.
Francis Johonnot Oliver Alsop	*Middletown, Conn.*	22 College st.
Charles Tubbs Andrews	*Penn Yan, N. Y.*	174 F.
Theodore Andrews	*Albany, N. Y.*	88 S. M.
Hugh Archbald	*Scranton, Pa.*	264 L.
George Stanleigh Arnold	*New Haven, Conn.*	24 Dwight st.
Stanfield Nichols Arnold	*New York City*	215 D.
William Brown Arvine	*New Haven, Conn.*	1169 Chapel st.
Morton Atwater	*Poughkeepsie, N. Y.*	79 S. M.
Douglass Henry Atwill	*Kansas City, Mo.*	74 S. M.
Charles Crooke Auchincloss	*New York City*	22 College st.
Charles Russell Auchincloss	*New York City*	22 College st.
Ernest Fairbanks Bacon	*Neligh, Neb.*	132 Howe st.
Thorne Baker	*Cincinnati, O.*	22 College st.
Walter Lewis Barber, Jr.	*Waterbury, Conn.*	422 B.
Perley Ernest Barbour	*Braintree, Mass.*	422 B.
Will Tilden Barker	*Farmington, N. H.*	273 L.
Glover Beardsley	*Auburn, N. Y.*	415 B.
Arthur Charles Becker	*Belleville, Ill.*	250 Crown st.
Joseph Lewi Bendell	*Albany, N. Y.*	159 F.
Claude Garfield Bennethum	*Harrisburg, Pa.*	206 D.
Josiah Henry Benton	*Branford, Conn.*	228 D.
Martin Henry Bergen	*Hartford, Conn.*	1098 Chapel st.
Leopold Clarence Berman	*New York City*	265 L.
James Milton Betts	*Newtown, Conn.*	123 W. D.
Alfred Hoyt Bill	*Faribault, Minn.*	216 D.
Robert Lounsbury Black	*Cincinnati, O.*	208 D.
Arthur George Blaisdell	*Goffstown, N. H.*	314 Crown st.
William Alexander Blount, Jr.	*Pensacola, Fla.*	22 College st.
Samuel Russell Bogue	*Brooklyn, N. Y.*	224 D.
Robert Elias Bond	*Kohala, H. I.*	279 L.
Edward Charles Bowers	*Westfield, Mass.*	237 D.
Charles Arnold Brady	*Norwich, Conn.*	16 Park st.
Allen Cleveland Bragaw	*Hartford, Conn.*	134 F.
Samuel Mason Brereton	*E. Northfield, Mass.*	40 Lake pl.
Raymond Paul Brinkman	*Kansas City, Mo.*	202 D.
Ralph Bristol	*Ansonia, Conn.*	169 F.
Thomas Marshall Howe Brown	*Pittsburg, Pa.*	1081 Chapel st.
Ralph Willis Bumstead	*Boston, Mass.*	88 S. M.
Ralph Howard Burdett	*Hartford, Conn.*	250 Crown st.
Robert Grey Bushong	*Reading, Pa.*	163 F.

Erwin Calmer	*Joliet, Ill.*	274 L.
James Noël Howard Campbell	*Hartford, Conn.*	396 B.
Loren Russell Carter, Jr.	*Waterbury, Conn.*	65 W. D.
George Brewster Chadwick	*Brooklyn, N. Y.*	22 College st.
Eliot Round Clark	*Farmington, Conn.*	130 F.
Harold Terry Clark	*New Haven, Conn.*	214 D.
Harry Henderson Clark	*Winchester, Tenn.*	282 L.
Kilburn Dickinson Clark	*Castleton, Vt.*	131 High st.
Robert Keep Clark	*Chicago, Ill.*	277 Crown st.
Stephen Carlton Clark	*Cooperstown, N. Y.*	1076 Chapel st.
Allen Thomas Clement	*New York City*	166 F.
Nathaniel Haviland Cobb	*Danville, Vt.*	404 B.
Gifford Alexander Cochran	*Yonkers, N. Y.*	22 College st.
James Ryle Coffey	*New Haven, Conn.*	17 Autumn st.
Louis Garfield Coleman	*Springfield, Ill.*	279 L.
Arthur Morris Collins	*Boston, Mass.*	250 L.
Walter Guthrie Collins	*Boston, Mass.*	231 D.
George Kimball Conant	*St. Louis, Mo.*	22 College st.
Philip King Condict	*Orange, N. J.*	159 F.
Erastus Corning	*Albany, N. Y.*	22 College st.
David Uzal Cory, Jr.	*Englewood, N. J.*	167 F.
James Pigott Cronan	*New Haven, Conn.*	297 W.
Earle Rosman Crowe	*New York City*	1076 Chapel st.
Thomas Henry Curran	*New Haven, Conn.*	38 Lake pl.
Kenneth William Curtis	*Cincinnati, O.*	297 W.
Ephraim Clarence Cushman	*Ansonia, Conn.*	76 S. M.
Merit Lancaster Davidson	*New York City*	250 Crown st.
Charles Orrin Day, Jr.	*North Germantown, N. Y.*	18 College st.
Rodney Dean Day	*Catskill, N. Y.*	344 WH.
Willard Joseph Denno	*Castleton, Vt.*	94 S. M.
Robert Emmet Digney	*White Plains, N. Y.*	120 High st.
Arthur Douglas Dodge	*New York City*	278 L.
Edward Alfred Donohoe	*Lynn, Mass.*	205 D.
Walter Landon Douglass	*New London, Conn.*	281 L.
Trusten Polk Draper	*Wilmington, Del.*	249 Crown st.
John Martin Dreisbach	*Wilkes-Barré, Pa.*	230 D.
Herbert Lathe Drury	*Worcester, Mass.*	526 P.
Donald Austin Dunham	*Hartford, Conn.*	140 F.
Harry Wilfred DuPuy	*Allegheny, Pa.*	22 College st.
George Gilbert Durant, Jr.	*Bethel, Conn.*	168 F.
Clive Livingston DuVal	*Brooklyn, N. Y.*	18 College st.
Wilton Adams Earnshaw	*Lowville, N. Y.*	25 High st.
John Eliason	*Chestertown, Md.*	246 L.
Bradford Ellsworth	*New York City*	268 L.

Nickolaus Louis Engelhardt	*Naugatuck, Conn.*	162 F.
George Barnett Everts	*Salisbury, Conn.*	1081 Chapel st.
Robert Hall Ewell	*Washington, D. C.*	419 B.
Edward Josiah Failing	*Portland, Oregon*	228 D.
John J. Mitchell Fairbank	*St. Louis, Mo.*	22 College st.
Joseph Fairbanks	*St. Johnsbury, Vt.*	265 L.
Peter Elting Farnum, Jr.	*Port Jervis, N. Y.*	22 College st.
Franklin Farrel, Jr.	*Ansonia, Conn.*	390 B.
William Ferguson	*Manchester, Conn.*	119 N.
Mansfield Ferry	*Chicago, Ill.*	22 College st.
Morton Cross Fitch	*New York City*	22 College st.
Edward Harold Fitzgerald	*Hebron, Conn.*	61 W. D.
Minton Fluhrer	*New York City*	43 College st.
Pierrepont Beers Foster	*New Haven, Conn.*	217 D.
Alan Fox	*Detroit, Mich.*	214 D.
John Ross Freeman	*Warren, Pa.*	140 F.
William Frew	*Pittsburg, Pa.*	22 College st.
Leonard Welles Frisbie	*Hartford, Conn.*	268 L.
William Shirley Fulton	*Waterbury, Conn.*	390 B.
Arnold Samuel Furst	*Jersey City, N. J.*	39 College st.
Thomas Jefferson Gaines, Jr.	*New York City*	22 College st.
Julius Gans	*Chicago, Ill.*	81 S. M.
Frank Cameron Gilbert	*Brooklyn, N. Y.*	250 L.
George Burton Gilbert	*Thomaston, Conn.*	61 W. D.
Edward Lathrop Gillespie	*Stamford, Conn.*	177 F.
William White Gleason	*New York City*	250 Crown st.
Irvine Goddard	*Widnes, England*	77 W. D.
Francis Spencer Goodwin	*Hartford, Conn.*	155 Elm st.
George Augustus Goss	*Waterbury, Conn.*	22 College st.
Robert Andrew Granniss, Jr.	*Morris Plains, N. J.*	1076 Chapel st.
Charles Douglass Green	*New York City*	22 College st.
Herbert Gouverneur Greene	*Brooklyn, N. Y.*	269 L.
Henry Farrand Griffin	*Buffalo, N. Y.*	132 F.
John George Haas, Jr.	*Lancaster, Pa.*	245 L.
John Francis Hackett	*Meriden, Conn.*	Meriden
Chauncey Jerome Hamlin	*Buffalo, N. Y.*	22 College st.
Francis Joseph Handel	*Buffalo, N. Y.*	557 P.
George Bradley Hardy	*Bangor, Me.*	1076 Chapel st.
William Loomis Harmount	*New Haven, Conn.*	238 Orchard st.
Alfred Lucius Hart	*Waterbury, Conn.*	109 N.
Harry Friedgen Hartjen	*New York City*	1044 Chapel st.
Julian Hartridge	*Jacksonville, Fla.*	232 D.
Rowland Hazard	*Peace Dale, R. I.*	222 D.
Samuel Frank Hedges	*Greenport, N. Y.*	1098 Chapel st.

Jerome Sayles Hess	*New York City*	211 D.
Brower Hewitt	*Brooklyn, N. Y.*	22 College st.
Albert Hileman	*Frankstown, Pa.*	360 WH.
Charles Hitchcock, Jr.	*New York City*	22 College st.
Thomas Nicholas Hogan	*Hartford, Conn.*	1098 Chapel st.
Charles Sumner Holbrook	*Jersey City, N. J.*	165 F.
Henry Chandler Holt	*Brooklyn, N. Y.*	152 F.
Thomas Hooker, Jr.	*New Haven, Conn.*	293 W.
Sidney Upson Hooper	*Brooklyn, N. Y.*	269 L.
Francis Stockbridge Houghteling	*Winnetka, Ill.*	229 D.
Lawrence Augustus Howard	*Hartford, Conn.*	91 S. M.
Norman Churchill Hull	*Pittsfield, Mass.*	280 L.
Roy Arthur Hunt	*Pittsburg, Pa.*	264 L.
George Sinclair Hurst	*New York City*	92 S. M.
Roswell Bishop Hyatt	*Meriden, Conn.*	251 L.
William Lorne Irvine	*Poplar Point, Manitoba*	76 S. M.
Henry James	*Baltimore, Md.*	1076 Chapel st.
Donald Kent Johnston	*New York City*	79 S. M.
Franklin Allen Johnston	*New York City*	215 D.
William Poyntell Johnston	*Wilmington, Del.*	149 F.
Nicholas Ridgely Jones	*Springfield, Ill.*	144 F.
Robert Porter Keep, Jr.	*Norwich, Conn.*	139 F.
Herbert Cassius Kelly	*New Haven, Conn.*	209 Norton st.
Daniel Edwards Kennedy	*New York City*	274 L.
Francis Stanley Kent	*Providence, R. I.*	153 F.
James Barry Kilburn	*Malone, N. Y.*	401 B.
Eugene Allerton Kingman	*Providence, R. I.*	153 F.
Joseph Newcomb Kinney, Jr.	*Cincinnati, O.*	208 D.
Lucian Swift Kirtland	*Poland, O.*	22 College st.
Herman Warren Knox	*New York City*	32 V.
Albert Richard Lamb	*Waterbury, Conn.*	169 F.
Theodore Twyford Lane	*Flushing, N. Y.*	164 F.
William Clark Langley	*Brooklyn, N. Y.*	22 College st.
Charles Myron Latimer	*Newington, Conn.*	130 F.
George Sidney Leach	*Gloversville, N. Y.*	176 F.
George Everson Leonard	*Syracuse, N. Y.*	152 F.
Dudley Payne Lewis	*Springfield, Mass.*	1076 Chapel st.
Charles Hammond L'Hommedieu	*Detroit, Mich.*	266 L.
Paul Lindenberg	*Columbus, O.*	22 College st.
Charles William Littlefield	*Rockland, Me.*	149 F.
Franklin Lockwood	*Brooklyn, N. Y.*	237 D.
Arthur Channing Long	*Sharon, Mass.*	162 F.
Willard Armstrong Lyon	*Middletown, N. Y.*	175 F.
Randolph Lyons	*New Orleans, La.*	293 W.

Harvey Childs McClintock	*Pittsburg, Pa.*	230 D.
Robert Rutherford McCormick	*Chicago, Ill.*	1076 Chapel st.
Irving McDonald	*St. Joseph, Mo.*	163 F.
James Patrick McDonough	*New Haven, Conn.*	38 Hallock st.
David Ritchie McKee, Jr.	*Washington, D. C.*	22 College st.
Cameron Mackenzie	*Port Deposit, Md.*	1076 Chapel st.
Donald McKesson	*New York City*	250 Crown st.
Robert Lewis McKnight	*Springfield, Mass.*	22 College st.
Donald Bradford MacLane	*New Haven, Conn.*	139 F.
Henry Coit MacLean	*Litchfield, Conn.*	406 B.
Arthur Manierre	*Chicago, Ill.*	131 F.
Paul Ford Mann	*Buffalo, N. Y.*	22 College st.
Milton Louis Marshall	*Auburn, N. Y.*	145 F.
Macdonell Mason	*City of Mexico, Mex.*	151 F.
Ralph Hill Melczer	*Phoenix, Arizona*	1076 Chapel st.
William George Metzger	*Chicago, Ill.*	22 College st.
Henry Edmund Mills	*Columbus, O.*	165 F.
James Bradford Minor	*Covington, Ky.*	22 College st.
Douglas Maxwell Moffat	*Scranton, Pa.*	1076 Chapel st.
Walter Chafey Moodie	*W. Tisbury, Mass.*	82 S. M.
Charles Arthur Moore, Jr.	*Brooklyn, N. Y.*	155 Elm st.
Frank Wood Moore	*Elizabeth, N. J.*	22 College st.
Daniel Harris Morgan	*Springfield, Mass.*	22 College st.
John Barrow Motter	*St. Joseph, Mo.*	1076 Chapel st.
John Richard Moulton	*Salem, Mass.*	144 F.
Arthur Daniel Mullen	*New Haven, Conn.*	433 Howard av.
Ralph Howard Nesmith	*Brooklyn, N. Y.*	223 D.
Almer Mayo Newhall	*San Francisco, Cal.*	206 D.
James Knight Nichols	*Binghamton, N. Y.*	205 D.
William Penn Nixon, Jr.	*Chicago, Ill.*	143 F.
Alfred Trecartin Ogden	*Brooklyn, N. Y.*	217 D.
Augustus Kountze Oliver	*Pittsburg, Pa.*	22 College st.
Daniel Lawrence Joseph O'Neill	*East Hartford, Conn.*	96 S. M.
William Robert Orthwein	*St. Louis, Mo.*	1076 Chapel st.
Erling Cornelius Ostby	*Providence, R. I.*	22 College st.
Charles Seymour Parsons	*Akron, O.*	211 D.
Wheeler Hazard Peckham, 2d	*New York City*	22 College st.
Julius Deming Perkins, Jr.	*Litchfield, Conn.*	1076 Chapel st.
Byron Ainsworth Pierce	*Olean, N. Y.*	22 College st.
Howard Albert Plummer	*New York City*	18 College st.
Horace Burton Pomeroy	*Troy, Pa.*	407 B.
George French Porter	*Chicago, Ill.*	22 College st.
Henry Potter	*St. Louis, Mo.*	22 College st.
Charles Franklin Pratt	*Hartford, Conn.*	274 L.

James Osborne Putnam, 2d	*New York City*	109 N.
John Ferson Putnam	*Columbus, O.*	521 P.
Hugh Rankin	*Peekskill, N. Y.*	164 F.
John Joseph Reilly	*Fairport, N. Y.*	98 N.
James William Reynolds	*St. Louis, Mo.*	22 College st.
Samuel Wheaton Rhoads	*Wilkes-Barré, Pa.*	22 College st.
Joseph Foster Rhodes	*Chicago, Ill.*	245 L.
George Huntington Richards	*Plainfield, N. J.*	281 L.
Harry Albert Rightmire	*Fairport, N. Y.*	98 N.
George Roberts, Jr.	*Hartford, Conn.*	173 F.
John Randolph Robinson	*Baltimore, Md.*	22 College st.
Cleveland Rogers	*Wakefield, R. I.*	266 L.
William Journeay Roome, Jr.	*New York City*	209 D.
Henry Ide Root	*New Haven, Conn.*	58 Grove st.
Joseph Clinton Roraback	*Canaan, Conn.*	258 L.
Arthur Jesse Rosenthal	*New York City*	1076 Chapel st.
Carleton Ferriss Rowell	*St. Louis, Mo.*	137 F.
Henry Moore Russell, Jr.	*Wheeling, W. Va.*	132 F.
Ziegler Sargent	*New Haven, Conn.*	173 F.
Harold Merriam Sawyer	*Bridgeport, Conn.*	1151 Chapel st.
Lewis Albert Sayre	*New York City*	22 College st.
Reeve Schley	*New York City*	22 College st.
William Schroeder, Jr.	*New York City*	1151 Chapel st.
William Sperry Searles	*Cleveland, O.*	219 York st.
Brockholst Mathewson Smith	*Providence, R. I.*	22 College st.
George Arthur Smith	*Hartford, Conn.*	96 S. M.
Robert Seneca Smith	*Clarendon, Vt.*	94 S. M.
William Burr Wright Smith	*Bridgeport, Conn.*	143 F.
Levings Hooker Somers	*Auburn, N. Y.*	145 F.
Frederic Randolph Stauffer	*Reading, Pa.*	166 F.
Harry Root Stern	*New York City*	311 W.
John Henry Stevens	*Exeter, N. H.*	273 L.
John McAllister Stevenson, Jr.	*Pittsfield, Mass.*	280 L.
Ralph Griffiths Stillman	*Rahway, N. J.*	210 D.
Charles Henry Stoll, Jr.	*New York City*	209 D.
Theron Roundell Strong	*New York City*	235 D.
Thomas Sturgis, Jr.	*New York City*	18 College st.
Jeremiah Barrett Sullivan	*New Haven, Conn.*	337 Columbus av.
Stuart Bruen Sutphin	*Cincinnati, O.*	22 College st.
George Edmund Sykes	*Rockville, Conn.*	22 College st.
Harlan Couch Taylor	*Middletown, Conn.*	202 D.
William Hendrickson Taylor	*Burlington, N. J.*	122 N.
William Kenney Terriberry	*Somerville, N. J.*	210 D.
Ralph Huntington Thacher	*Albany, N. Y.*	406 B.

Joseph B. Thomas, Jr.	*New York City*	278 L.
Donald Thompson	*Allegheny City, Pa.*	22 College st.
Edwin Vivian Thompson	*Louisville, Ky.*	135 F.
George Jameson Thomson	*Wilton, Conn.*	168 F.
George Rexford Tillson	*Montclair, N. J.*	254 Crown st.
Edward Perry Townsend	*New York City*	1076 Chapel st.
Arsene LeSeigneur Trenholm	*New York City*	1151 Chapel st.
John Marshall True	*Eureka Springs, Ark.*	388 B.
Edward Perry Truett	*Denver, Col.*	224 D.
Abraham Tulin	*Hartford, Conn.*	87 S. M.
William Butler Tyler	*New Haven, Conn.*	34 College st.
David Benjamin Updegraff	*Mt. Pleasant, O.*	82 S. M.
Fred Brown Utley	*Gloversville, N. Y.*	176 F.
Samuel Oakley VanderPoel, Jr.	*New York City*	22 College st.
Harry Brown VanDeventer	*Elizabeth, N. J.*	22 College st.
Douglass VanDyke	*Milwaukee, Wisc.*	22 College st.
Ernest Shelton VanTassel	*Morristown, N. J.*	251 Crown st.
Carroll Johnson Waddell	*Ottawa, Kan.*	1151 Chapel st.
James Reynolds Wait	*Auburn, N. Y.*	135 F.
William Durrie Waldron	*Upper Montclair, N. J.*	134 F.
Raymond William Walker	*Westboro, Mass.*	174 F.
Walter Bertrand Walker	*New York City*	223 D.
Henry Mitchell Wallace	*Ansonia, Conn.*	226 D.
Walter Franklin Wallace	*Chicago, Ill.*	131 F.
Samuel Dwight Ward	*Albany, N. Y.*	1076 Chapel st.
Antonio Johnston Waring	*Savannah, Ga.*	407 B.
Arthur Woodward Warner	*Torrington, Conn.*	65 W. D.
George Plumpton Warner	*Buffalo, N. Y.*	250 Crown st.
Irving Henry Warner	*Fairport, N. Y.*	98 N.
George Augustine Washington, 2d.	*Wessyngton, Tenn.*	22 College st.
Bradford Webster	*Waterbury, Conn.*	87 S. M.
Edward Franklin Webster	*Rutland, Vt.*	136 Sherman av.
George Unangst Wenner	*Ogden, Utah*	1044 Chapel st.
Ethan Pryor Wescott	*Haddonfield, N. J.*	263 L.
William Burns Weston	*Cambridge, Mass.*	224 D.
Edwin Reynolds Whitcomb	*Milwaukee, Wisc.*	22 College st.
Howard Sage White	*Waterbury, Conn.*	151 F.
John Richards White	*Providence, R. I.*	22 College st.
William Otis White	*Terre Haute, Ind.*	22 College st.
Theodore Harry Wickwire, Jr.	*Cortland, N. Y.*	415 B.
Thomas Edward Wilde	*Washington, D. C.*	523 P.
Frederick William Wilhelmi	*New York City*	226 D.
Lewis Alfred Williams, Jr.	*New York City*	231 D.
Orion James Willis	*Manchester, Tenn.*	282 L.

William Ladd Winch	*Holyoke, Mass.*	1151 Chapel st.
Wilson Gordon Wing	*Bangor, Me.*	344 WH.
William Basil Wood	*Florence, Ala.*	232 D.
George Edward Woodbine	*Medfield, Mass.*	1494 Chapel st.
Harris Spring Woodman	*New Haven, Conn.*	451 George st.
John Eastman Woodruff	*Brooklyn, N. Y.*	22 College st.
Howard Spencer Woodward	*Warren, Ohio*	37 Lynwood st.

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FRESHMAN CLASS

John Day Ackley	*New Milford, Conn.*	299 York st.
Charles Edward Adams	*Toledo, O.*	584 P.
George Webster Adams	*Utica, N. Y.*	242 York st.
Arthur Williams Allen	*Hartford, Conn.*	9 Library st.
Christopher Magee Anderson	*Pittsburg, Pa.*	536 P.
George Williams Anderson	*Delhi, N. Y.*	293 York st.
John Phelps Taylor Armstrong	*New London, Conn.*	537 P.
Lemuel Hastings Arnold, Jr.	*New York City*	250 York st.
Louis Horace Arnold	*Willimantic, Conn.*	531 P.
William Norbourn Arterburn	*St. Matthew's, Ky.*	1151 Chapel st.
Fred Chambers Baldwin	*Honolulu, H. I.*	1076 Chapel st.
Seth Weaver Baldwin	*Naugatuck, Conn.*	47 Lake pl.
Harold Johnson Barbour	*Hartford, Conn.*	128 High st.
Clarence Alfred Barnes	*Mansfield, Mass.*	226 York st.
Gates Garfield Barnet	*Albany, N. Y.*	543 P.
Timothy Francis Barry	*New Haven, Conn.*	226 Washington av.
Samuel Colcord Bartlett	*New London, Conn.*	250 York st.
Thomas Hopper Beardsley	*Utica, N. Y.*	238 York st.
Gerald Edwin Beebe	*Portland, Oregon*	217 York st.
Andrew Jackson Bell	*Stamford, Conn.*	7 Library st.
Ralph Chapman Benedict	*North Abington, Mass.*	78 S. M.
Charles Edward Beyer	*New Haven, Conn.*	New Haven Hospital
Otis Munro Bigelow, Jr.	*Baldwinsville, N. Y.*	77 S. M.
Seth Daniels Bingham, Jr.	*Naugatuck, Conn.*	47 Lake pl.
James Ralph Bloomer	*Cincinnati, O.*	313 York st.
Fernando Moreno Blount	*Pensacola, Fla.*	203 York st.
Walter DeWitt Boggs	*Brooklyn, N. Y.*	130 Wall st.
David Boies	*Scranton, Pa.*	1076 Chapel st.
Shelby Williams Bonnie	*Louisville, Ky.*	250 York st.
Malcolm DeWolf Booth	*New Haven, Conn.*	80 Dwight st.
William Bowen Boulton, Jr.	*Lawrence, L. I., N. Y.*	233 York st.
James Cox Brady	*Albany, N. Y.*	238 York st.
William Walter Brainard	*New York City*	539 P.
James Henry Brewster, Jr.	*Hartford, Conn.*	538 P.
Temple Bridgman	*Stamford, Conn.*	564 P.
Fayette Brown, Jr.	*Cleveland, O.*	238 York st.
Garrett Author Brownback	*Linfield, Pa.*	575 P.
Charles Howe Buck	*Wethersfield, Conn.*	120 High st.
Donald Charles Bunn	*St. Paul, Minn.*	170 York st.
Winfield Newton Burdick	*Orange, N. J.*	1076 Chapel st.
Harry Frost Burgess	*New Haven, Conn.*	20 Brown st.

Frederick Knebel Burnham	*New York City*	250 York st.
Benjamin Foster Burns	*Newton Center, Mass.*	86 S. M.
John Frederic Byers	*Allegheny, Pa.*	254 York st.
Frank Callahan	*Hartford, Conn.*	155 F.
Roland Heaton Camp	*Waterbury, Conn.*	7 Library st.
Nelson Stuart Campbell	*Providence, R. I.*	1076 Chapel st.
Edward Gould Chace	*Providence, R. I.*	1044 Chapel st.
George Irvin Chadwick	*Port Jervis, N. Y.*	47 Lake pl.
Robert Elmer Chandler	*Madura, So. India*	111 N.
Frederick Burnham Chapman	*Auburn, N. Y.*	250 York st.
Russell Cheney	*South Manchester, Conn.*	1076 Chapel st.
Richard Spencer Childs	*Brooklyn, N. Y.*	599 P.
Gerald Chittenden	*New York City*	217 York st.
George Palmer Christian	*Richmond, Va.*	250 York st.
Howard Wadsworth Church	*Meriden, Conn.*	80 S. M.
Edwin Jesse Clapp	*St. Paul, Minn.*	591 P.
Irving Marshall Clark	*Grand Rapids, Mich.*	238 York st.
William Darrow Clark	*Kansas City, Mo.*	360 WH.
Arthur Morton Clifford	*St. Louis, Mo.*	242 York st.
Edward Welch Clucas	*New York City*	583 P.
James Hanson Coburn	*Hartford, Conn.*	242 York st.
Charles Howells Coffin	*Chicago, Ill.*	237 York st.
Francis Watkinson Cole	*Hartford, Conn.*	538 P.
Frederick Campbell Colston	*Baltimore, Md.*	578 P.
Edmund Cogswell Converse, Jr.	*New York City*	238 York st.
Belton Allyn Copp, Jr.	*Groton, Conn.*	299 York st.
James Timothy Craffey	*Westboro, Mass.*	25 High st.
Winthrop Murray Crane, Jr.	*Dalton, Mass.*	248 York st.
Walter Snell Cross	*Fitchburg, Mass.*	596 P.
Joseph Frederick Cullman, Jr.	*New York City*	250 York st.
Colman Curtiss	*Buffalo, N. Y.*	584 P.
John Thomson Dallas	*Waterbury, Conn.*	7 Library st.
Maurice Sherman Damon	*Honolulu, H. I.*	170 York st.
William Francis Damon	*Honolulu, H. I.*	170 York st.
Henry Corwith Dangler	*Cleveland, O.*	248 York st.
Thomas Latham Davis	*Omaha, Neb.*	231 York st.
James Delano, Jr.	*New Bedford, Mass.*	250 York st.
Edward LeRoy Dennis	*Norwich, Conn.*	587 P.
Louis Carson Dillman	*Chicago, Ill.*	250 York st.
John Forrest Dillon, 2d	*Topeka, Kan.*	530 P.
Frank Talmage Dodge	*New York City*	250 York st.
Everett Dominick	*New York City*	559 P.
Michael Joseph Donahue	*Norwich, Conn.*	361 WH.
William Stanton Doran	*St. Paul, Minn.*	572 P.

Howard Drummond	*New York City*	569 P.
William Sackett Duell	*Washington, D. C.*	1076 Chapel st.
George Hubbard Dupee	*Plainfield, N. J.*	1076 Chapel st.
Willard Higley Durham	*Holland Patent, N. Y.*	26 Academy st.
Herbert William Eales	*Bridgeport, Conn.*	7 Library st.
Robert Duncan Eggleston	*Meriden, Conn.*	213 York st.
Edward Chappell Ely	*Norwich, Conn.*	1076 Chapel st.
William Brewster Ely	*New Haven, Conn.*	426 George st.
Henry Perkins Erwin	*Johnson City, Tenn.*	550 P.
Charles Alexander Esty	*Framingham, Mass.*	333 York st.
Earl Webster Evans	*Montclair, N. J.*	594 P.
John Kuhn Evans	*McKeesport, Pa.*	227 D.
Stevenson Hume Evans	*Buffalo, N. Y.*	421 B.
Joseph Alexander Falvey	*Meriden, Conn.*	Meriden
Dwight Thompson Farnham	*Binghamton, N. Y.*	522 P.
Peter Elting Farnum, Jr.	*Port Jervis, N. Y.*	22 College st,
Mark Graff Feder	*Mt. Auburn, Cincinnati, O.*	1044 Chapel st.
Gladstone Fessenden	*Stamford, Conn.*	552 P.
Augustus Richey Fisk	*Plainfield, N. J.*	551 P.
Charles Wilbur Fisk	*Plainfield, N. J.*	551 P.
Willard Franklin Fitz Randolph	*Rye, N. Y.*	40 Lake pl.
Carl Stanley Flanders	*Malden, Mass.*	570 P.
Roger Yale Flanders	*Milwaukee, Wisc.*	250 York st.
Austin Woodbridge Follett	*Newton, Mass.*	556 P.
Horatio Ford	*Cleveland, O.*	588 P.
Denman Fleming Fox	*New Haven, Conn.*	212 Franklin st.
Howard Atwood Franklin	*Shelton, Conn.*	Shelton
Thomas Robert Gaines	*Rushville, Va.*	103 Park st.
Joseph William Gallagher	*Northboro, Mass.*	25 High st.
Harold I. Gardner	*Burnside, Conn.*	40 Lake pl.
Henry Wood Gardner	*Providence, R. I.*	1076 Chapel st.
George Merrill Gelser	*Webster, N. Y.*	85 S. M.
Franklin Williams Glazier	*South Glastonbury, Conn.*	1076 Chapel st.
Harry Glicksman	*Milwaukee, Wisc.*	535 P.
Morgan Goetchius	*New York City*	237 York st.
Mortimer Reese Goldsmith	*New York City*	1076 Chapel st.
Philip Goodell	*Montclair, N. J.*	112 N.
Chauncey Shafter Goodrich	*Santa Clara, Cal.*	170 York st.
James Lippincott Goodwin	*New York City*	203 York st.
Alexander Gordon	*Pittsburg, Pa.*	547 P.
Francis Erskine Graff	*Pittsburg, Pa.*	192 York st.
Albert Woodruff Gray	*Middletown Springs, Vt.*	92 York sq.
Joseph Lambert Gray	*Avondale, Cincinnati, O.*	170 York st.
Douglas Bannan Green	*Pottsville, Pa.*	524 P.

Henry Little Griggs	*Middlebury, Conn.*	250 York st.
William Claiborne Hall	*New York City*	1044 Chapel st.
Ammon L. Halteman	*Pennsburg, Pa.*	34 Hillhouse av.
Harry Thomas Hamilton	*Groton, Conn.*	537 P.
Alfred Irving Harrington	*Mansfield, O.*	248 York st.
William Dickinson Hart	*Stamford, Conn.*	177 F.
Everett Smith Hartwell	*Providence, R. I.*	9 Library st.
Arthur Havemeyer	*New York City*	250 York st.
Samuel Burdett Hemingway	*New Haven, Conn.*	327 Temple st.
Raymond Thompson Hill	*North Branford, Conn.*	20 Carmel st.
Bernard Henry Hirsh	*Vicksburg, Miss.*	534 P.
Edward Thurston Hiscox, 2d	*Malden, Mass.*	570 P.
Joseph Horne Holmes	*Pittsburg, Pa.*	536 P.
James Herron Hopkins, Jr.	*Washington, D. C.*	250 York st.
William Morris Houghton	*Brunswick, Me.*	231 York st.
John Ralph Howe	*Norwich, Conn.*	154 F.
Francis Edwin Howland	*Asheville, N. C.*	541 P.
Julian Burrell Huff	*Greensburg, Pa.*	248 York st.
Aubrey Cameron Hull	*Plainfield, N. J.*	333 York st.
Henry Strong Huntington, Jr.	*Milton, Mass.*	416 B.
Ernest Hamilton Hurd	*Wilton, Conn.*	293 York st.
Harry Harrison Hyatt	*Toledo, O.*	219 York st.
Heberd James	*Kansas City, Mo.*	521 P.
Rodney Sheldon Jarvis	*Brooklyn, N. Y.*	250 York st.
Thomas Lewis Jefferson, Jr.	*Louisville, Ky.*	250 York st.
Newell Jennings	*Bristol, Conn.*	410 B.
Percy Hall Jennings	*New York City*	1074 Chapel st.
Richard Gundry Jennings	*Pittsburg, Pa.*	237 York st.
Oliver Livingston Jones, Jr.	*New York City*	237 York st.
Charles Sumner Joy	*Springfield, Mass.*	22 Lynwood st.
Asa Rathbone Kelley	*Chicago, Ill.*	1076 Chapel st.
Allen Humphreys Kerr	*Pittsburg, Pa.*	597 P.
Walter Irving King	*Thompsonville, Conn.*	355 WH.
William Rumsey Kinney	*Louisville, Ky.*	130 Howe st.
William Barri Kirkham	*Springfield, Mass.*	22 Lynwood st.
Thomas Henry Kirkland	*Indian Orchard, Mass.*	67 Howe st.
John Caspar Kittle	*Ross, Cal.*	1076 Chapel st.
James Whitney Knox	*Hartford, Conn.*	242 York st.
Edward Musgrave Lacey	*Evanston, Ill.*	581 P.
Arthur Burton LaCour	*New Orleans, La.*	574 P.
George Thompson Lane	*Troy, N. Y.*	248 York st.
Emerson Latting	*New York City*	242 York st.
Charles William Lawrance	*Kansas City, Mo.*	217 York st.

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Charles Alonzo Leonard	*Pittsfield, Ill.*	213 York st.
Alfred Huntington Lewis	*Syracuse, N. Y.*	544 P.
Charles Allen Lindley	*New York City*	248 York st.
Bayard Urquhart Livingston, Jr.	*Albany, N. Y.*	529 P.
Robson Longwell	*Dundee, N. Y.*	1081 Chapel st.
Howell Gurney Lord	*Newark, N. J.*	563 P.
Harry Howard Loudenslager	*Paulsboro, N. J.*	237 York st.
Henry King Love	*Bristol, Pa.*	593 P.
Allen Perry Lovejoy, Jr.	*Janesville, Wisc.*	580 P.
Edward Manter Luce, Jr.	*Chicago, Ill.*	231 York st.
Alexander Mahon McClean	*Springfield, Mass.*	532 P.
Kingsley Rich MacGuffey	*Boston, Mass.*	568 P.
Theodore McCurdy Marsh	*East Orange, N. J.*	545 P.
Calhoun Mason	*Chicago, Ill.*	213 York st.
Lawrence Mason	*Chicago, Ill.*	553 P.
Fred Maurice Maxwell	*Gloversville, N. Y.*	363 WH.
Harold Marwick Meech	*Middletown, Conn.*	9 Library st.
Duncan Ivers Meier	*St. Louis, Mo.*	238 York st.
Clarence Whittlesey Mendell	*Boston, Mass.*	309 Edgewood av.
Ray March Merrill	*Kansas City, Mo.*	9 Library st.
George Macy Merriman	*Bristol, Conn.*	311 York st.
Theodore Hall Merriman	*Bristol, Conn.*	333 York st.
Harold Grant Metcalf	*Auburn, N. Y.*	250 York st.
Blakeman Quintard Meyer	*New York City*	255 L.
William Robert Millar	*Plainfield, N. J.*	333 York st.
Herbert Chauncey Miller	*Bloomingburgh, N. Y.*	Yale Mission
James Ely Miller	*New York City*	542 P.
John Milton Miller	*Bridgeport, Conn.*	7 Library st.
John Wendell Minturn	*New York City*	203 York st.
William Ledyard Mitchell	*Cincinnati, O.*	233 York st.
George Albert Mohlman	*Brielle, N. J.*	250 York st.
Charles Everett Moore	*White Plains, N. Y.*	154 F.
John Alston Moorhead	*Allegheny, Pa.*	254 York st.
Seth Hamilton Moseley, 2d	*New Haven, Conn.*	566 P.
Frank Burroughs Mulford	*Kansas City, Mo.*	172 F.
George Herbert Mulford	*Kansas City, Mo.*	172 F.
Edgar Munson, 2d	*Williamsport, Pa.*	328 W.
George Sharp Munson	*Williamsport, Pa.*	328 W.
Walter Starbuck Munson	*Utica, N. Y.*	227 D.
Hugh Joseph Murphy	*New Haven, Conn.*	179 Blatchley av.
Robert Hayes Nead	*Harrisburg, Pa.*	120 High st.
Arthur Edwin Neergaard	*Concord, N. H.*	577 P.
Paul Sprague Ney	*Hartford, Conn.*	75 S. M.
George Elwood Nichols	*Saco, Me.*	50 Howard av.

Arthur Nilsen	*New York City*	333 York st.
Edwin Canfield Northrop	*Waterbury, Conn.*	548 P.
Mestre Olcott	*New York City*	561 P.
Alexander Holley Olmsted	*Lakeville, Conn.*	217 York st.
John Olmsted	*Buffalo, N. Y.*	525 P.
Frederick Lorraine Orlady	*Huntingdon, Pa.*	245 L.
Claudius Buchanan Conant Ostrom	*New York City*	592 P.
Edward Stetson Paine	*Bangor, Me.*	522 P.
George Grant Parkhurst	*Buffalo, N. Y.*	293 York st.
George Elton Parks	*Providence, R. I.*	242 York st.
George Henry Parr	*Albany, N. Y.*	229 D.
George Frederick Parrish	*Wilkes-Barré, Pa.*	250 York st.
James Tyler Patterson, Jr.	*Milford, Conn.*	119 Wall st.
Edwin Daniel Peck	*Gloversville, N. Y.*	86 S. M.
William Law Learned Peltz	*Albany, N. Y.*	586 P.
Herbert Spencer Petry	*Mahwah, N. J.*	7 Library st.
Frederick Erastus Pierce	*South Britain, Conn.*	40 Whalley av.
Harry Remer Platt	*Goshen, N. Y.*	293 York st.
Edgar LeRoy Pond	*Terryville, Conn.*	90 Park st.
Arthur Kingsley Porter	*Stamford, Conn.*	255 L.
William George Powning	*New Haven, Conn.*	104 Sherman av.
Clinton Norman Quinby	*Geneseo, N. Y.*	85 S. M.
David Lindsey Randall	*Athol Centre, Mass.*	359 W. H.
Arthur Bernard Recknagel	*Brooklyn, N. Y.*	159 Elm st.
Bertram Alfred Redington	*Syracuse, N. Y.*	120 College st.
Lansing Parmelee Reed	*Holyoke, Mass.*	567 P.
Ogden Mills Reid	*New York City*	327 W.
Alexander Mortimer Renick	*Chillicothe, O.*	600 P.
Harry Wilson Reynolds	*East Haddam, Conn.*	9 Library st.
Pierce Butler Reynolds	*Kingston, Pa.*	560 P.
Harry Izard Bacon Rice	*Coles' Ferry, Va.*	108 High st.
Jerome Markham Rice	*Scranton, Pa.*	250 York st.
Robert John Rich	*Fort Dodge, Ia.*	248 York st.
John Markham Riley	*Muskogee, I. T.*	514 George st.
Nelson Studebaker Riley	*South Bend, Ind.*	170 York st.
Stephen Garrett Roach	*New York City*	241 L.
Heaton Ridgeway Robertson	*New Haven, Conn.*	549 P.
Julius Rockwell	*Pittsfield, Mass.*	582 P.
William Field Rundel	*Penfield, N. Y.*	85 S. M.
Norman Nienstedt Rupp	*Saginaw, Mich.*	250 York st.
Arthur Sandiford	*Lawrence, Mass.*	277 Crown st.
Roger Sands	*Pentwater, Mich.*	1044 Chapel st.
James Fred Sawin	*Winthrop, Mass.*	1044 Chapel st.
Lewis Richardson Schenck	*Toledo, O.*	161 F.

Robert Percy Schenck	*Jersey City, N. J.*	248 York st.
Basil Scott	*New Brighton, S. I., N. Y.*	170 York st.
Frederick Hancock Scudder	*St. Louis, Mo.*	238 York st.
Laurence Selling	*Portland, Oregon*	217 York st.
Paul Shaffrath	*Waterbury, Conn.*	25 High st.
Kenneth Rae Shand	*West Brighton, S. I., N. Y.*	590 P.
Carleton Shaw	*Toledo, O.*	1076 Chapel st.
Patrick Joseph Sheehan	*Norwich, Conn.*	361 WH.
Henry Wood Shelton	*Montclair, N. J.*	112 N.
Thomas Mallon Shields	*Norwich, Conn.*	64 High st.
Dudley Frank Sicher	*New York City*	535 P.
Joseph William Sidenberg	*Hastings-on-Hudson, N. Y.*	250 York st.
William Strong Slade	*New York City*	562 P.
Charles Eastwick Smith, Jr.	*St. Paul, Minn.*	573 P.
Lathrop Smith	*Kansas City, Mo.*	568 P.
Wirt Foster Smith	*Chicago, Ill.*	219 York st.
Robert Lincoln Smitley	*Allegheny, Pa.*	250 York st.
Cornelius Harry Snell	*Herkimer, N. Y.*	248 York st.
Willard Burr Soper	*Bloomington, Ill.*	595 P.
Alfred Lyon Spencer	*Jasper, N. Y.*	420 B.
Walter Bunce Spencer	*South Manchester, Conn.*	333 York st.
Frank Squier, Jr.	*Brooklyn, N. Y.*	576 P.
Robert Allan Squire	*Meriden, Conn.*	80 S. M.
Henry Hamlin Stebbins, Jr.	*Rochester, N. Y.*	567 P.
Arthur Francis Stoddard Steele	*Auburn, N. Y.*	105 Park st.
William Parsons Moores Stevens	*Kansas City, Mo.*	555 P.
Albert Isaac Strauss	*Cincinnati, O.*	558 P.
George Stuart Studwell, Jr.	*New York City*	238 York st.
Thomas Day Thacher	*New York City*	248 York st.
Herbert Franklin Thomas	*Lyons, N. Y.*	238 York st.
Leonard Enos Todd	*Woodbridge, Conn.*	Woodbridge
Chauncey Edwards Treadwell	*Flushing, N. Y.*	565 P.
Harold Hathaway Trusdell	*New Haven, Conn.*	297 Crown st.
Carll Tucker	*Albany, N. Y.*	161 F.
Frank Grenville Tullidge, Jr.	*Clifton, Cincinnati, O.*	313 York st.
Howard MacGregor Tuttle	*Syracuse, N. Y.*	248 York st.
Leonard Sanford Tyler	*New Haven, Conn.*	33 College st.
George Frederick Vietor, Jr.	*New York City*	248 York st.
William Bryan Wait	*Auburn, N. Y.*	250 York st.
Francis Eames Walton	*Brooklyn, N. Y.*	238 York st.
Sheldon Eaton Wardwell	*Haverhill, Mass.*	231 York st.
Karl Watson Warmcastle	*Pittsburg, Pa.*	231 York st.
Bronson Mills Warren	*Bridgeport, Conn.*	552 P.
Frank Lord Warrin, Jr.	*Stockbridge, Mass.*	231 York st.

John Louis Waters	*New York City*	250 York st.
George Hiram Watson	*Fairfield, Pa.*	94 Olive st.
Clayton Wolcott Welles	*Wethersfield, Conn.*	124 Wall st.
Paul Bessal Welles	*Scranton, Pa.*	1076 Chapel st.
Schuyler Carl Wells	*LeRoy, N. Y.*	1076 Chapel st.
George William Welsh	*New York City*	226 York st.
Earle Rogers Whipple	*Whitinsville, Mass.*	1151 Chapel st.
William Ernest Whiting	*New Haven, Conn.*	333 York st.
Percival Arthur Whitmore	*New Haven, Conn.*	16 Beers st.
Willis Savage Whittlesey	*Morris, Conn.*	92 S. M.
Frederick Holme Wiggin, Jr.	*Litchfield, Conn.*	250 York st.
Elmer Reed Williams	*Chicago, Ill.*	553 P.
James Harvey Williams, Jr.	*Brooklyn, N. Y.*	250 York st.
Albert Shelby Willis	*Louisville, Ky.*	250 York st.
Justice Wilson	*Toledo, O.*	540 P.
Burnside Winslow	*Philadelphia, Pa.*	569 P.
Eugene Hale Winslow	*Punxsutawney, Pa.*	600 P.
Garrard Bigelow Winston	*Chicago, Ill.*	238 York st.
Aaron Wittstein	*Bridgeport, Conn.*	200 York st.
James Haydon Wömelsdorf	*Pottsville, Pa.*	583 P.
Sumner Byrne Woodbridge	*Middleboro, Mass.*	111 N.
George William Ezra Woodruff	*Fort Hamilton, N. Y.*	333 York st.
Fred Apgar Wyckoff	*East Stroudsburg, Pa.*	7 Library st.
Jesse Watkins Wynne	*Memphis, Tenn.*	237 York st.
Horace Frederick Zollars	*Fort Wayne, Ind.*	250 York st.

FRESHMEN, 329

SUMMARY

SENIORS	260
JUNIORS	288
SOPHOMORES	313
FRESHMEN	329
	1190

SHEFFIELD SCIENTIFIC SCHOOL

GRADUATE STUDENTS

WITH THEIR MAJOR SUBJECTS OF STUDY

Alfred Akerman, B.A. Georgia University 1898	*Cartersville, Ga.*	55 Prospect st.
	Botany	
Carroll Storrs Alden, B.A. Yale University 1898	*Chicago, Ill.*	399 Elm st.
	English	
William Gilbert Anderson, M.D. Western Reserve University 1883	*Cleveland, O.*	120 College st.
	Biology	
Alling Prudden Beardsley, B.A. Wesleyan University 1898	*Derby, Conn.*	Derby
	Chemistry	
Silas Palmer Beebe, B.S. Harvard University 1900	*New Haven, Conn.*	106 Mansfield st.
	Physiology and Physiol. Chemistry	
Walter Minor Bradley, PH.B. Yale University 1899	*New Haven, Conn.*	1346 Chapel st.
	Chemistry	
Wilton Everett Britton, B.S. N. Hampshire Coll. Agric. 1893	*New Haven, Conn.*	1317 Boulevard
	Botany	
Ezekiel Stoddard Bronson, B.A. Yale University 1900	*New Haven, Conn.*	58 Dwight st.
	Chemistry and Geology	
James Ansel Brooks, PH.B. Yale University 1898	*Derby, Conn.*	Derby
	Mechanical Engineering	
Katherine Jeannette Bush	*New Haven, Conn.*	133 Howe st.
	Natural Science	
Henry Seidel Canby, PH.B. Yale University 1899	*Wilmington, Del.*	86 Wall st.
	English	
Frederic James Carnell, PH.B. Yale University 1900	*Bristol, Conn.*	58 N. S. H.
	Physics	
Charles Sidney Chapman, B.AGR. Connecticut State College 1898	*Westbrook, Conn.*	360 Prospect st.
	Botany	
Alfred Knight Chittenden, PH.B. Yale University 1900	*New Haven, Conn.*	83 Trumbull st.
	Botany	
Clarence Carroll Clark, B.A. Johns Hopkins University 1896	*Baltimore, Md.*	56 Grove st.
	English	

Helen MacGregor Clarke, B.A. *Durham, Conn.* 33 Wall st.
Wellesley College 1900 English

Thadeus Hugh Claypool, B.A. *Marshall, Tex.* 115 Park st.
Yale University 1898 English

George Edwards Clement, B.A. *Boston, Mass.* 360 Prospect st.
Harvard University 1900 Botany

Frederick Sears Coe, PH.B. *Newark, N. J.* 82 Wall st.
Yale University 1899 Mechanical Engineering

Charles Montague Cooke, Jr., B.A. *Honolulu, H. I.* 112 College st.
Yale University 1897 Botany

Helen Howard Davis, B.A. *New Haven, Conn.* 336 Humphrey st.
Wellesley College 1899 English

Arthur Lyman Dean, B.A. *Dedham, Mass.* 140 Shelton av.
Harvard University 1900 Physiology and Physiol. Chemistry

Edgar Ezekiel DeCou, B.S. *Evansville, Wisc.* 399 Elm st.
University of Wisconsin 1897, M.S. University of Chicago 1899 Mathematics

Ella Marinda Deyo, B.A. *Honeoye, N. Y.* 70 Howe st.
Mt. Holyoke College 1897 English

Samuel William Dudley. PH.B. *Westville, Conn.* Westville
Yale University 1900 Mechanical Engineering

Christopher Temple Emmet, M.E. *Portchester, N. Y.* 208 Canner st.
Stevens Institute Technology 1891 Botany

Emily Howard Foley, B.A. *St. Louis, Mo.* 70 Howe st.
Wellesley College 1893 English

William Ebenezer Ford, PH.B. *New Haven, Conn.* 16 Lynwood st.
Yale University 1899 Mineralogy

Frederic Henry Beecher Fowler, PH.B. *New Haven, Conn.*
Yale University 1899 308 Humphrey st.
Electrical Engineering

Arthur Sullivan Gale, B.A. *Jacksonville, Fla.* 124 W. D.
Yale University 1899 Mathematics

George Wilbur Fiske Gillette, PH.B. *New Haven, Conn.* 383 Whalley av.
Yale University 1896 Civil Engineering

William Anthony Granville, PH.D. *New Haven, Conn.* 7½ Eld st.
Yale University 1897 Mathematics

Thomas Ezekiel Gravatt, B.S. *Clarksburgh, N. J.* 73 Lake pl.
Rutgers College 1897 Mathematics

Arthur Harmount Graves, B.A. *Hartford, Conn.* 51 N. S. H.
Yale University 1900 Botany

Frank Eugene Hale, B.A.
Yale University 1900
Hartford, Conn. 363 Orchard st.
Physiological Chemistry

Perry Titus Wells Hale, PH.B.
Yale University 1900
Portland, Conn. 135 Howe st.
Civil Engineering

Robert William Hall, PH.B.
Yale University 1895,
M.A. Harvard University 1898
Cambridge, Mass. 48 N. S. H.
Biology

George Arthur Hanford, B.A.
Yale University 1898
Syracuse, N. Y. 2 Hillhouse av.
Physiology and Physiol. Chemistry

Pinkney Settle Hargrove, B.A.
Yale University 1900
Waco, Tex. 363 Orchard st.
English

Josiah Harmar, PH.B.
Yale University 1892
Philadelphia, Pa. A.
Mechanical Engineering

Frederick Brown Harrison, PH.B.
Yale University 1899
New Haven, Conn. 83 Grove st.
English

Philip Bovier Hawk, B.S.
Wesleyan University 1898,
M.S. Wesleyan University 1900
East Branch, N. Y. 118 W. D.
Physiology and Physiol. Chemistry

Lawrence Ilsley Hewes, B.S.
Dartmouth College 1898
Braintree, Mass. 285 York st.
Mathematics

Donald Russell Hooker, B.A.
Yale University 1899
New Haven, Conn. 436 Orange st.
Physiology and Physiol. Chemistry

Stuart Hotchkiss, PH.B.
Yale University 1900
New Haven, Conn. 55 Hillhouse av.
Geology and Phys. Geography

Howard Maxwell Ingham, PH.B.
Yale University 1897
Philadelphia, Pa. A.
Mechanical Engineering

Carl William Johnson, B.A.
Bethany College 1900
Lindsborg, Kans. 33 Lock st.
Chemistry

Treat Baldwin Johnson, PH.B.
Yale University 1898
Bethany, Conn. 162 S. L.
Chemistry

Elizabeth Galloway Kane, B.A.
Mt. Holyoke College 1894
Waterbury, Conn. 70 Howe st.
English

Joshua Larson, B.A.
Augustana College 1889,
M.A. Yale University 1899
Altona, Ill. 149 St. John st.
Mathematics

Mabelle Alpina Land, B.A.
University of Wyoming 1898
Laramie, Wyo. 17 Whalley av.
English

George Lauder, Jr., PH.B.
Yale University 1900
Pittsburg, Pa. 131 Grove st.
Chemistry

Edwin Hoyt Lockwood, M.E.
Yale University 1892
New Haven, Conn. 79 Division st.
Mathematical Physics

Cloyd North McAllister, B.A.
Yale University 1892,
PH.D. Yale University 1900
St. Joseph, Mo. 33 Lake pl.
Physiology

Roy Leon Marston, B.A.
Bowdoin College 1898
Skowhegan, Me. 360 Prospect st.
Zoology

William Linton Mather, PH.B.
Yale University 1896
New Haven, Conn. 247 St. Ronan st.
Civil Engineering

Henry Franklin Merriam, PH.B.
Yale University 1900
Summit, N. J. 162 S. L.
Chemistry

Floyd Jay Metzger, PH.B.
Buchtel College 1899
Akron, O. 10 Ashmun st.
Chemistry

Charles Elmendorf Mills, B.A.
Colgate University 1897
Limerick, Me. 38 Mansfield st.
English

Seth Enoch Moody, B.S.
Dartmouth College 1898
Agency, Iowa 102½ Park st.
Biology

James Gasherie DeWitt Morrell, PH.B.
Yale University 1900
Hartford, Conn. 117 Wall st.
Mechanical Engineering

George Hewitt Myers, B.A.
Yale University 1898
Washington, D. C. 360 Prospect st.
Botany

Rokuro Nakaseko, PH.D.
Johns Hopkins University 1899
Kyoto, Japan 20 Whalley av.
Physiology and Physiol. Chemistry

Robert Wilson Neal, B.A.
University of Kansas 1898,
M.A. University of Kansas 1899
Wallingford, Conn. 497 Winthrop av.
English

Henry James Nichols, B.A.
Yale University 1899
Binghamton, N. Y. 333 York st.
Physiology

Julius Olsen, B.S.
Bethany Coll. (Kansas) 1898
Norway, Kansas 159 Elm st.
Mathematics and Physics

Clarence Harmon Olson, B.A.
Bethany College 1900
Marquette, Kans. 59 Prospect st.
English

Henry Augustus Perkins, B.A.
Yale University 1896
Hartford, Conn. 128 Wall st.
Physics

Oscar Stoddard Pulman, B.A.
Yale University 1900
Albany, N. Y. Kent Lab'y
Mineralogy

Leo Frederick Rettger, B.A.
Indiana University 1896
Bloomington, Ind. 118 W. D.
Physiology and Physiol. Chemistry

Chauncey Brewster Rice, PH.B.
Yale University 1894
New Haven, Conn. 56 N. S. H.
Physics

Allan Douglas Risteen, B.S.
Worcester Polytechnic Institute 1885
Hartford, Conn. Hartford
Mathematics

Henry Hollister Robinson, PH.B. *Hartford, Conn.* 333 York st.
Yale University 1895 Geology

Robert Kilburn Root, B.A. *New Haven, Conn.* 58 Grove st.
Yale University 1898 English

Edward Christian Schneider, B.S. *Shenandoah, Iowa* 24 E. D.
Tabor College 1897 Physiology and Physiol. Chemistry

Blanche Burdin Sears, B.A. *Lewiston, Me.* 113 Howe st.
Bates College 1900 English

William Kent Shepard, PH.D. *New Haven, Conn.* 57 N. S. H.
Yale University 1900 Mathematics

Howard Speer, B.A. *Cincinnati, O.* 67 W. D.
Yale University 1900 English

William Howard Sprenkle, B.S. *Orange, Conn.* Orange
Gettysburg College 1898 Physiology

Oscar Emil Staaf, B.A. *New Haven, Conn.* 88 Prospect st.
Bethany College 1900 Chemistry

William Oliver Stevens, B.A. *New Haven, Conn.* 139 Dwight st.
Colby College 1899 English

Lyman Brumbaugh Stookey, B.A. *Belleville, Ill.* 589 P.
Yale University 1900 Physiology and Physiol. Chemistry

Henry Daniells Stowe, PH.B. *Scitico, Conn.* 57 Grove st.
Yale University 1900 Mathematics

Karl Eben Stromquist, B.S. *McPherson, Kans.* 59 Prospect st.
Bethany College 1899 Mathematics

Robert Eccles Swain, B.A. *Stanford University, Cal.*
Leland Stanford Jr. University 1899 103 Edgewood av.
Physiology and Physiol. Chemistry

Leonard Merrige Tarr, B.A. *New Haven, Conn.* 156 Whalley av.
Bates College 1882 Physics

Wyatt Warner Taylor, PH.B. *Stamford, Conn.* 22 College st.
Yale University 1900 Mechanical Engineering

John Martin Telleen, B.A. *Rock Island, Ill.* 149 St. John st.
Augustana College 1898 English

Elbert Nevins Sèbring Thompson, B.A. *New Haven, Conn.*
Yale University 1900 95 Whalley av.
English

Chauncey Brewster Tinker, B.A. *Denver, Col.* 36 E. D.
Yale University 1899 English

Cornelia Burton Trowbridge, B.S. *West Haven, Conn.* West Haven
Cornell University 1899 Biology

Frank Pell Underhill, PH.B. Yale University 1900	*Norwalk, Conn.*	57 Prospect st. Physiology and Physiol. Chemistry
Homer Krepps Underwood, B.A. Washington and Jefferson Coll. 1899	*Washington, Pa.*	312 George st. English
Ralph Gibbs VanName, B.A. Yale University 1899	*New Haven, Conn.*	121 High st. Mineralogy
Edward Mansfield Walker, PH.B. Yale University 1900	*New Haven, Conn.*	162 York st. Civil Engineering
Charles Milnor Washington, B.A. Yale University 1889	*Locust, N. J.*	1151 Chapel st. Biology
Halsey Albert Weaver, PH.B. Yale University 1895	*Woodstock, Conn.*	A. Civil Engineering
Lynde Phelps Wheeler, PH.B. Yale University 1894	*New Haven, Conn.*	333 York st. Physics
George Benjamin White, PH.B. Yale University 1900	*Cooperstown, N. Y.*	120 College st. Physiology and Physiol. Chemistry
John Whitmore, PH.D. Yale University 1892	*New Haven, Conn.*	147 Bradley st. Mechanics
George Reber Wieland, B.S. Pennsylvania State College 1893, PH.D. Yale University 1900	*Chester, Pa.*	M. Paleontology
John Milton Willis, B.S. Swathmore College 1894	*Fowling Creek, Md.*	10 Ashmun st. Chemistry
Edwin Bidwell Wilson, B.A. Harvard University 1899	*Cambridge, Mass.*	546 P. Mathematics
Mary Douglas Womack, B.S. Adelphi College 1899	*New Haven, Conn.*	335 Orange st. Botany
Ruth Goulding Wood, B.L. Smith College 1898	*Pawtucket, R. I.*	1193 Chapel st. Mathematics

GRADUATE STUDENTS, 105

[Students marked "A" are candidates for the degree of Mechanical Engineer or Civil Engineer, who, having had one year of resident graduate study, are now pursuing courses of study in absence under the direction of the Faculty.]

SENIOR CLASS

Thomas Safford Adams	*New York City*	133 College st.
Howard Frank Allen	*Alton, Ill.*	133 College st.
Percy Williams Alling	*New Haven, Conn.*	126 High st.
George Edward Armstrong, Jr.	*New York City*	22 College st.
Morgan Kalani Armstrong	*Hampton, Va.*	131 Grove st.
Franklin Ballou, Jr.	*Leadville, Col.*	96 Wall st.
Wilfred Keefer Barnard	*St. Joseph, Mo.*	88 Wall st.
Raymond Everett Bassett	*Shelton, Conn.*	Shelton
Jasper Bayne	*New York City*	1 Hillhouse av.
William Henry Beehler	*West Haven, Conn.*	West Haven
Ferdinand Lammot Belin	*Scranton, Pa.*	131 Grove st.
Edward Hopkins Benner	*Wellesley, Mass.*	90 Wall st.
William Albion Bindley	*Pittsburg, Pa.*	82 Wall st.
Augustus Silliman Blagden	*Washington, D. C.*	133 College st.
Ross Whiting Bragg	*Cincinnati, O.*	88 Wall st.
David Egner Breinig	*New Milford, Conn.*	88 Wall st.
George Samuel Brigham	*Chicago, Ill.*	1151 Chapel st.
Charles Edward Brinley, B.A. Yale University 1900	*Philadelphia, Pa.*	82 Wall st.
Ernest Brooks	*New York City*	96 Wall st.
Ernest Wilcox Brown	*New Haven, Conn.*	271 Lloyd st.
Arthur Buhrman	*Cincinnati, O.*	113 Wall st.
Irving Crawford Bull	*Middletown, N. Y.*	126 High st.
Robert Morse Chamberlin	*New Haven, Conn.*	4 Mansfield st.
Clinton Lowrie Childs	*Pittsburg, Pa.*	131 Grove st.
James Harold Childs	*Pittsburg, Pa.*	131 Grove st.
Ernest Wesley Clark	*Shelton, Conn.*	132 Wall st.
William Merritt Clark	*New Haven, Conn.*	459 Orange st.
Ralph Oakley Clock	*Brooklyn, N. Y.*	78 Lake pl.
Paul Brainard Condit	*Cleveland, O.*	116 College st.
Clarence Parker Cook	*Ore Hill, Conn.*	133 College st.
George Noble Copley	*New Britain, Conn.*	77 Wall st.
George Nellis Crouse	*Syracuse, N. Y.*	17 Hillhouse av.
Eliot Cutter	*Brooklyn, N. Y.*	133 College st.
Charles Edwin Day	*Lakeville, Conn.*	299 York st.
Hilbert Francis Day	*Boston, Mass.*	132 Wall st.
Homer Laing Dixon	*Chicago, Ill*	110 Wall st.
Jacob Duhan	*New Haven, Conn.*	1136 State st.
Walter Duren	*Newark, N. J.*	77 Wall st.
Oscar Leslie Eberle	*East Orange, N. J.*	77 Wall st.
George Joseph Nelson Edmondson	*New Haven, Conn.*	18 Bishop st.

Walter Ernest Faithorn	*Chicago, Ill.*	17 Hillhouse av.
Ernst Watson Farley	*Cleveland, O.*	132 Wall st.
John Acton Civill Feeter	*Yonkers, N. Y.*	133 College st.
John Farwell Ferry	*Lake Forest, Ill.*	111 Grove st.
Montague Ferry	*Lake Forest, Ill.*	111 Grove st.
William Mann Fincke	*New York City*	133 College st.
Lewin Benjamin Fish	*New Haven, Conn.*	68 William st.
Charles Addison Foster	*Tacoma, Wash.*	131 Grove st.
Walter Seip Frisbie	*Meriden, Conn.*	113 Wall st.
Homer Gifford Fuller	*Washington, D. C.*	159 Elm st.
Allen Gard	*Brooklyn, N. Y.*	125 High st.
Leon Lincoln Gay	*Barton Landing, Vt.*	143 College st.
Harold Arthur Gilbert	*New Haven, Conn.*	126 High st.
Henderson Gilbert	*Harrisburg, Pa.*	131 Grove st.
Nisbet Grammer	*Cleveland, O.*	96 Wall st.
George Donald Guthrie	*Wilkes-Barré, Pa.*	133 College st.
Oscar Stanley Hauser	*Neligh, Nebr.*	132 Howe st.
Louis Hengerer	*Buffalo, N. Y.*	82 Wall st.
Herbert Fenton Hotchkiss	*New Haven, Conn.*	94 Olive st.
Albert Kemp Hubbard	*Kane, Pa.*	60 York sq.
William Albert Hyde	*North Haven, Conn.*	68 Canner st.
George Samuel Jamieson	*Bridgeport, Conn.*	Bridgeport
Burdette Hubbard Johnson	*Clinton, Conn.*	33 Wall st.
Nelson Camp Johnson	*Meriden, Conn.*	132 Wall st.
Hugh McKean Jones	*Pittsburg, Pa.*	88 Wall st.
Harry Thomas Kehr	*Unionport, N. Y.*	16 Park st.
Raymond Meserve Kellogg	*New Haven, Conn.*	126 High st.
Sylvester Kennedy	*Derby, Conn.*	Derby
Philip Wheaton Rives King	*Newport, R. I.*	22 College st.
Clarence Mahlon Kline	*Philadelphia, Pa.*	133 College st.
Arthur Potter Knight	*Cleveland, N. Y.*	114 High st.
John Marcus Knight	*New Haven, Conn.*	492 Blatchley av.
Beverly Waugh Kunkel	*Harrisburg, Pa.*	82 Wall st.
Ralph Randolph Lee	*Erie, Pa.*	96 Wall st.
Henry Stanton Leverich	*New York City*	90 Wall st.
Charles Bispham Levey	*Elisabeth, N. J.*	133 College st.
Watson Cooke Lewis	*St. Louis, Mo.*	133 College st.
Richard Charles Lincoln	*Hartford, Conn.*	132 Wall st.
Herbert Lucker	*Cincinnati, O.*	130 Wall st.
Chorbajian M. Luther	*Marash, Turkey*	53 Beers st.
Lesley McCreath	*Harrisburg, Pa.*	82 Wall st.
Thomas Atterbury McGinley	*Pittsburg, Pa.*	131 Grove st.
Charles Gilbert Miller	*New York City*	133 College st.
Hiram Miller	*Middlefield, Conn.*	114 High st.

Charles Thomas Mitchell, B.S. University of Pennsylvania 1899	*Philadelphia, Pa.*	57 Prospect st.
Benton Cook Moss	*Kansas City, Mo.*	1151 Chapel st.
Louis Putnam Myers	*Yonkers, N. Y.*	111 Grove st.
Andrew Burton Mygatt, Jr.	*New Milford, Conn.*	88 Wall st.
Clive Seymour Newcomb	*Jersey City, N. J.*	111 Grove st.
Herbert Brinkerhoff North	*New Haven, Conn.*	1399 Chapel st.
John Stuart Ogilvie, Jr.	*Brooklyn, N. Y.*	17 Hillhouse av.
John Dale Oille	*N. Tonawanda, N. Y.*	8 Prospect pl.
Charles Leonard Overlander	*New Haven, Conn.*	378 Crown st.
Rufus Parks, Jr.	*Washington, D. C.*	17 Hillhouse av.
Henry Pearce, Jr.	*Providence, R. I.*	133 College st.
Clarence Kent Peck	*Chicago, Ill.*	22 College st.
Fred Ely Perkins	*Cleveland, O.*	17 Hillhouse av.
John Walter Perry	*Southport, Conn.*	22 College st.
Charles Samuel Phelps	*Warehouse Point, Conn.*	114 High st.
Ralph Asher Pike	*E. Woodstock, Conn.*	789 Orange st.
Harry Hollister Read	*Bridgeport, Conn.*	90 Wall st.
George Harold Reid	*Bridgeport, Conn.*	128 High st.
Louis Mandelbaum Rosenbluth	*New Haven, Conn.*	101 William st.
Charles Edward Rudd	*Lakeville, Conn.*	114 High st.
Joseph Turner Ryerson	*Chicago, Ill.*	96 Wall st.
Walter Edward Sanford	*New Haven, Conn.*	54 Chambers st.
Edward Randall Saxton	*Saugatuck, Conn.*	114 High st.
John Lyle Schermerhorn	*New Haven, Conn.*	37 Lynwood st.
Elmer Henry Schwarz	*Waterbury, Conn.*	82 Wall st.
Frederick Augustus Sherwood	*Ottawa, Ill.*	82 Wall st.
Olin Lewis Sikes	*Suffield, Conn.*	117 Park st.
Max Silverman	*Williamsport, Pa.*	82 Wall st.
Allen Edgar Smith	*Hartford, Conn.*	17 Hillhouse av.
Bayard Marston Smith	*New York City*	111 Grove st.
Daniel Sanford Smith	*Bridgeport, Conn.*	128 High st.
Charles Carroll Sprigg	*Dayton, O.*	110 Wall st.
Edwy Lycurgus Taylor, Jr.	*Albany, N. Y.*	133 Wall st.
Edward Schlager Toothe	*New York City*	96 Wall st.
George Pennock Urban	*Buffalo, N. Y.*	82 Wall st.
Lloyd Daubeny Waddell	*New York City*	131 Grove st.
Jeptha Homer Wade, Jr.	*Cleveland, O.*	133 College st.
Frederick Joseph Wahlig	*Shelton, Conn.*	Shelton
Ellison Guthrie Waite	*Columbus, O.*	114 High st.
Frank Sheridan Warmoth	*Lawrence, La.*	131 Grove st.
Ralph Ogden Warrin	*Cooperstown, N. Y.*	82 Wall st.
Ashbel Russell Welch	*Germantown, Pa.*	77 Wall st.
Arthur Thomas Welles	*New Haven, Conn.*	372 George st.

Bradford Wells	*Chicago, Ill.*	82 Wall st.
Clarence A. Weymouth, B.S. Bucknell University 1900	*Lockhaven, Pa.*	1151 Chapel st.
Davenport White	*Cannon, Conn.*	133 Wall st.
Milton James Whitely	*New York City*	17 Hillhouse av.
Daniel Ingersoll Whittelsey	*Minneapolis, Minn.*	131 Grove st.
John Hough Wickersham	*Lancaster, Pa.*	77 Wall st.
Joseph Goodyear Wild	*New Haven, Conn.*	88 Wall st.

SENIORS, 134

JUNIOR CLASS

Frank Mears Adams	*New Haven, Conn.*	483 Orange st.
Thomas Davies Adams	*Westport, Conn.*	Westport
Robert Wade Allerton	*Waterbury, Conn.*	77 Wall st.
John Wright Armstrong	*New Haven, Conn.*	111 Grove st.
Walter Arnstein	*New York City*	110 Wall st.
Edward Monroe Bailey, Jr.	*Middletown, Conn.*	114 High st.
William Bailey	*Somers, N. Y.*	96 Wall st.
Arthur Barnwell, Jr.	*Charleston, S. C.*	131 Grove st.
Lindon Wallace Bates, Jr.	*Chicago, Ill.*	110 Wall st.
Charles Frederick Blood, Jr.	*Ware, Mass.*	131 High st.
Nelson Blount	*New York City*	82 Wall st.
Howard Stanley Bristol	*Meriden, Conn.*	149 College st.
Richard DeWolfe Brixey	*Seymour, Conn.*	96 Wall st.
Albert Turney Brown	*Fairfield, Conn.*	Fairfield
Earle Wayne Brown	*New Haven, Conn.*	220 Lawrence st.
Nathan Haggett Brown	*Brooklyn, N. Y.*	111 Grove st.
Austin Jenkins Bruff	*Brooklyn, N. Y.*	17 Hillhouse av.
George Whitfield Butts, Jr.	*New York City*	111 Grove st.
Owen Good Butts	*Council Bluffs, Iowa*	96 Wall st.
Ralph Waldo Campbell	*Salem, O.*	17 Hillhouse av.
William Joseph Canada	*Westville, Conn.*	710 Chapel st.
Garrit Samuel Cannon	*Hoboken, N. J.*	96 Wall st.
Charles David Carey	*Cheyenne, Wyoming*	17 Hillhouse av.
William Emanuel Cederberg, B.S. Augustana College 1900	*Rock Island, Ill.*	59 Prospect st.
Vincent Biddle Clarke	*Milford, Conn.*	Milford
Henry Martin Coffeen	*Chicago, Ill.*	17 Hillhouse av.
John Roberts Coffin	*New York City*	131 Grove st.
William Norris Connor	*Maynard, Mass.*	96 Wall st.
William Bronson Cramer	*New Haven, Conn.*	114 High st.
Robert Newton Crankshaw	*Akron, O.*	Yale Gymnasium
John Chester Cromwell	*White Plains, N. Y.*	111 Grove st.
Willard Parker Dean	*Bridgeport, Conn.*	Bridgeport
Gratz Dent	*Savannah, Ga.*	133 College st.
William Henry Dickinson	*Chester, Pa.*	149 College st.
Wilcox Doolittle	*Hamilton, Canada*	96 Wall st.
Henry Stuart Dutcher	*Nyack, N. Y.*	143 College st.
Ben Sherman Eastman	*Boise City, Idaho*	1 Hillhouse av.
Charles Remington Ellicott	*Nyack, N. Y.*	96 Wall st.
Morgan Shuit Elmer	*Central Valley, N. Y.*	96 Wall st.

Francis Patrick Fahy	*New Haven, Conn.*	343 Cedar st.
James Aaron Farra	*Pisgah, Ky.*	17 Hillhouse av.
Martin Allen Finch	*Thompsonville, Conn.*	1151 Chapel st.
John Aubrey Foulks	*Brooklyn, N. Y.*	96 Wall st.
Richard Hardin Gentry	*Kansas City, Mo.*	110 Wall st.
Liebig Wallis Gibbons	*New York City*	131 Grove st.
Robert Banks Gibson	*San Francisco, Cal.*	18 Trumbull st.
James Artemas Gould	*Minneapolis, Minn.*	145 College st.
Inslee Blair Greene	*Belvidere, N. J.*	113 Wall st.
Charles Edward Greenough	*New York City*	111 Grove st.
Roger Wolcott Griswold	*Erie, Pa.*	133 College st.
William Henry Hall	*New Britain, Conn.*	209 Orchard st.
Edward Waterman Hamilton	*New Haven, Conn.*	29 Warren st.
Newell Hobart Hargrave	*Cincinnati, O.*	1 Hillhouse av.
Walter Vincent Harvey	*New Orleans, La.*	111 Grove st.
William Mather Hicks	*New York City*	82 Wall st.
Joseph Adams Hill	*Portland, Oregon*	114 High st.
Bedford Forrest Hines	*Decherd, Tenn.*	59 Prospect st.
John Joseph Howard	*New Haven, Conn.*	161 Saltonstall av.
Alex Crawford Hoyt	*New Castle, Pa.*	96 Wall st.
William Brewster Hubbard	*W. Cornwall, Conn.*	40 Lake pl.
Lafayette Menefee Hughes	*Denver, Col.*	96 Wall st.
John Chambers Humbird	*Pittsburg, Pa.*	77 Wall st.
Edward Woods Hunt	*Tacoma, Wash.*	96 Wall st.
Lea Hunt	*Wilkes-Barré, Pa.*	22 College st.
Clarence Bancroft Ingraham, Jr.	*Hartford, Conn.*	133 College st.
Frederick Clark Inman	*New York City*	133 College st.
Edward William Jeffcott	*New Haven, Conn.*	102 York sq.
Ferdinand Frazier Jelke	*Chicago, Ill.*	110 Wall st.
Albert Herman Jente	*New Haven, Conn.*	97 Bristol st.
Paul Julius Herman Jente	*New Haven, Conn.*	97 Bristol st.
Mortimer Nelson Judd	*New Britain, Conn.*	117 Wall st.
Rolfe Kingsley	*New York City*	111 Grove st.
Mabie Crouse Klock	*Syracuse, N. Y.*	1 Hillhouse av.
William Henry Lamprecht, 2d	*Cleveland, O.*	117 Wall st.
Ralph Walker Langley	*New Haven, Conn.*	229 Blatchley av.
Fred Warner Laubin	*New Haven, Conn.*	295 York st.
Henry Way Leal	*Plainfield, N. J.*	117 Wall st.
Charles Stanley Leavenworth	*Hamden, Conn.*	Whitneyville
Ben Ali Haggin Lounsbery	*New York City*	147 Bradley st.
George West Mabee	*Saratoga Springs, N. Y.*	96 Wall st.
Ogden Trevor McClurg	*Chicago, Ill.*	111 Grove st.
Neil Macneale	*Cincinnati, O.*	17 Hillhouse av.
William Duncan Malcolm	*New Haven, Conn.*	33 Bishop st.

Harry Clifford Martin	*Brooklyn, N. Y.*	1 Hillhouse av.
Champion Herbert Mathewson	*Milford, Conn.*	Milford
Frank Eveleth Maynard	*Providence, R. I.*	17 Hillhouse av.
George Albert Menge	*Philadelphia, Pa.*	67 Howe st.
Martin Francis Menton	*Derby, Conn.*	Derby
John Edward Meyer	*New York City*	1 Hillhouse av.
Henry Christopher Minor	*Andover, Mass.*	1151 Chapel st.
Ralph Daniel Mitchell	*Cleveland, O.*	1 Hillhouse av.
Frank Joseph Moran	*Hartford, Conn.*	114 High st.
Antonie Jacques Newell	*New York City*	96 Wall st.
Wayne C. Nisbet	*Rome, N Y.*	311 York st.
Dudley Sturgis Norton	*Babylon, N. Y.*	96 Wall st.
Michael J. O'Donnell	*Ansonia, Conn.*	Ansonia
Frank Albert Olds	*Hartford, Conn.*	132 Wall st.
William Dickey Oglesby	*Middletown, O.*	133 College st.
Harold Camp Parsons	*Durham, Conn.*	55 Prospect st.
Herbert Hoyt Pease	*New Britain, Conn.*	131 Grove st.
Gaius William Perkins, Jr.	*Grand Rapids, Mich.*	110 Wall st.
George Willis Peters, Jr.	*Gt. Barrington, Mass.*	1 Hillhouse av.
Wyllys Irvin Phelps	*Thompsonville, Conn.*	120 High st.
Frank Lyman Phillips	*New Haven, Conn.*	389 Orange st.
Nathaniel Restcome Potter	*Rochester, N. Y.*	110 Wall st.
William Benham Price	*New Haven, Conn.*	291 York st.
William Dudley Putnam	*Chicago, Ill.*	131 High st.
Samuel James Reeves	*Philadelphia, Pa.*	1 Hillhouse av.
Mortimer William Rice	*Scranton, Pa.*	110 Wall st.
Robert Tuckerman Roberts	*Winsted, Conn.*	8 Prospect pl.
Frederic Richard Rubsamen	*Murray Hill, N. J.*	96 Wall st.
Carroll Leslie Runyon	*Plainfield, N. J.*	133 College st.
Samuel Lyon Russell	*Seattle, Wash.*	111 Grove st.
Nathaniel W. Sample, Jr.	*Denver, Col.*	119 Wall st.
Karl August Schaefer	*Windsor Locks, Conn.*	8 Prospect pl.
Kenneth Baker Schley	*Far Hills, N. J.*	111 Grove st.
Alexander Frederick Schneider	*Montowese, Conn.*	Montowese
John Chase Scully	*Lincoln, Ill.*	113 Wall st.
Richard Sheldon	*New York City*	131 Grove st.
Harry Ackerman Shuart	*Ramsey, N. J.*	131 High st.
William Stiastny Sierck	*New York City*	1 Hillhouse av.
Peter Levant Smith	*N. Tonawanda, N. Y.*	47 Lake pl.
Norman Leslie Snow	*Morristown, N. J.*	1 Hillhouse av.
Leavenworth Porter Sperry	*Waterbury, Conn.*	117 Wall st.
Erwin Stanley	*New Britain, Conn.*	131 High st.
Ray Stearns	*Manchester, N. H.*	145 College st.
Harry Lucien Stephenson	*Roanoke, Va.*	117 Wall st.

Henry Glover Stevens	*Detroit, Mich.*	90 Wall st.
Douglas Pardee Street	*Chicago, Ill.*	82 Wall st.
William Clark Symington	*Newark, N. J.*	124 Wall st.
William Tatlock Taylor	*Hartford, Conn.*	114 High st.
Evan Barker Thomas	*Morristown, N. J.*	117 Wall st.
Walter Ira Trench	*New Haven, Conn.*	Grand av. Heights
John Franklin Trumbull	*Hartford, Conn.*	132 Wall st.
Frederick Rust Van Vechten	*Little Falls, N. Y.*	17 Hillhouse av.
Robert Pelton Wadhams	*Torrington, Conn.*	117 Wall st.
William Knickerbocker Wallbridge	*Litchfield, Conn.*	117 Wall st.
Richard Halstead Warrin	*Cooperstown, N. Y.*	118 College st.
Charles Lewis Watson	*Indianapolis, Ind.*	114 High st.
Arthur Pearson Wilder	*Lowell, Mass.*	111 Grove st.
Lloyd Adolph Wimpfheimer	*New York City*	110 Wall st.
John James Wright-Clark	*Newark, N. J.*	133 College st.
Robert Weaver Zimmerman	*New York City*	82 Wall st.

JUNIORS, 143

FRESHMAN CLASS.

Charles Frederic Alexander	*Honolulu, H. I.*	407 Temple st.
John Percy Anderson	*Clinton, Conn.*	Clinton
Irving Atwater Andrew	*Orange, Conn.*	Orange
Brent Arnold, Jr.	*Cincinnati, O.*	122 Wall st.
Edward Kaslitt Arvine	*New Haven, Conn.*	1169 Chapel st.
William Travis Ayer	*Saybrook, Conn.*	90 Whalley av.
Robert Williams Ayres	*Cincinnati, O.*	397 Temple st.
Courtlandt Woodruff Babcock	*Stonington, Conn.*	395 Temple st.
Arthur Whittemore Bacon	*New Britain, Conn.*	407 Temple st.
Ernest Mead Baker	*Detroit, Mich.*	389 Temple st.
Archer Fortescue Barnard	*St. Joseph, Mo.*	397 Temple st.
Edwin Mortimer Barnes	*Ridgefield Park, N. J.*	411 Temple st.
Hartley Harris Bartlett	*Annapolis, Md.*	117 Wall st.
Harry Ira Bates	*Detroit, Mich.*	213 York st.
James Madison Bayles	*Port Jefferson, N. Y.*	109 Edwards st.
Fred Berkeley Beardsley	*New Haven, Conn.*	41 Howe st.
Harry Edward Benham	*New Haven, Conn.*	142 Greene st.
Sidney Henry Benjamin	*Milwaukee, Wisc.*	110 Wall st.
Carlton Thomas Bishop	*Avon, Conn.*	357 Orange st.
John Eugene Black	*Bridgeport, Conn.*	Bridgeport
Thomas Blagden, Jr.	*Washington, D. C.*	387 Temple st.
William Joel Blatchley	*New Haven, Conn.*	219 Blatchley av.
William Edward Boeing	*Greenwood, Va.*	395 Temple st.
Hugh Wick Bonnell	*Youngstown, O.*	405 Temple st.
Charles Rowland Bostwick	*New Haven, Conn.*	139 Lawrence st.
Vasa Kirby Bracher	*New York City*	393 Temple st.
James Jacob Brainard	*Pittsburg, Pa.*	131 Grove st.
Frederick Miller Breinig	*New Milford, Conn.*	397 Temple st.
Bradford Wyeth Brinton	*LaSalle, Ill.*	391 Temple st.
Reginald Waldo Brixey	*Seymour, Conn.*	152 Grove st.
Charles Clark Brown	*New Haven, Conn.*	258 Franklin st.
Carl Herbert Bryant	*Independence, Mo.*	124½ Park st.
Douglas Lord Bryant	*West Haven, Conn.*	West Haven
Clifford Lewis Buckingham	*Milford, Conn.*	Milford
Howard Ames Buffum	*Chicago, Ill.*	411 Temple st.
Samuel Anderson Bunn	*St. Paul, Minn.*	393 Temple st.
Raymond Burnham	*Chicago, Ill.*	421 Temple st.
Courtney Burton	*Massillon, O.*	389 Temple st.
George Washington Carpenter	*Lawrance, L. I., N. Y.*	395 Temple st.
Leslie Carter, Jr.	*Chicago, Ill.*	409 Temple st.
George Frederick Chatfield	*New Haven, Conn.*	268 Humphrey st.

Horace Washburn Chittenden	*Washington, D. C.*	387 Temple st.
Sheldon Lewis Church	*Middletown, Conn.*	124 Wall st.
Winthrop Alexander Clark	*Cincinnati, O.*	405 Temple st.
Oliver Eugene Closson	*Meriden, Conn.*	Meriden
Allan Frederick Cohn	*New York City*	397 Temple st.
James Dana Coit	*Norwich, Conn.*	411 Temple st.
Lewis Bridgeman Comstock	*East Hartford, Conn.*	132 Wall st.
Frederic Lucius Copeland	*Harrisburg, Pa.*	110 Wall st.
William Arthur Corey	*Manchester, N. H.*	110 Wall st.
Bradford Milton Couch	*Nyack, N. Y.*	405 Temple st.
Charles Kittredge Crane	*Dalton, Mass.*	389 Temple st.
George Halloway Cressler	*Fort Wayne, Ind.*	22 College st.
Burwell Morgan Crosthwaite	*Buffalo, N. Y.*	96 Wall st.
Haroutune Mugurdich Dadourian	*Tarsus, Asia Minor*	92 Webster st.
Vahram Edward Davoud	*Hartford, Conn.*	132 Wall st.
George Edward Dickinson	*Seattle, Wash.*	110 Wall st.
Frederick Stoever Dickson, 2d	*Philadelphia, Pa.*	387 Temple st.
Charles Frank Dike, Jr.	*Crystal Lake, Ill.*	67 Howe st.
Alexander Louis Dommerich	*New York City*	413 Temple st.
Charles Dorrance, Jr.	*Dorranceton, Pa.*	387 Temple st.
Edward Alexander Downey	*New York City*	389 Temple st.
Arthur Dwyer	*New Hartford, Conn.*	124 Wall st.
Alexander Morse Earle	*Brooklyn, N. Y.*	405 Temple st.
Lincoln Ellsworth	*Hudson, O.*	110 Wall st.
Randall Wade Everett	*Cleveland, O.*	389 Temple st.
William Ewing	*Morristown, N. J.*	104 Wall st.
Henry Lee Ferguson	*New York City*	104 Wall st.
Charles Maximilian Fleischmann	*New York City*	387 Temple st.
Douglas Warner Franchot	*Olean, N. Y.*	128 High st.
Charles Ingersoll Gause	*Wilmington, Del.*	86 Wall st.
William Henry Gelshenen, Jr.	*New York City*	395 Temple st.
Eugene Thurman Granbery	*New York City*	110 Wall st.
Prescott Morrill Greene	*Peace Dale, R. I.*	413 Temple st.
Perry Dean Gribben	*St. Paul, Minn.*	411 Temple st.
Thomas Hurst Guffey	*Pittsburg, Pa.*	110 Wall st.
Malcolm Canmore Guthrie	*Wilkes-Barré, Pa.*	387 Temple st.
Edwin Augustus Hall	*Dansville, N. Y.*	104 Wall st.
Harold Sherwin Hamlin	*Elgin, Ill.*	397 Temple st.
George Simpson Harmount	*New Haven, Conn.*	238 Orchard st.
William Henry Harrison	*Cincinnati, O.*	391 Temple st.
George Philip Henry	*Chicago, Ill.*	393 Temple st.
Warren Gray Higgins	*Columbus, O.*	130 Wall st.
Charles Hyran Hill	*Chicago, Ill.*	407 Temple st.
Charles Barnes Hoadley	*Branford, Conn.*	Branford

Arthur Edwin Hodgson	*New Haven, Conn.*	8 University pl.
Sanford Lewis Hotchkiss	*New Haven, Conn.*	538 Chapel st.
Horace Stevens Howe	*Hartford, Conn.*	118 College st.
Charles Landon Howes	*Stamford, Conn.*	110 Wall st.
Fred. Lewis Hurd	*New Haven, Conn.*	8 Prospect pl.
Edward James Hutchins	*New Haven, Conn.*	192 Division st.
Howard LeRoy Hutchinson	*Branford, Conn.*	Branford
Robert Maxwell Ingham	*Philadelphia, Pa.*	391 Temple st.
Chester Euclid Ingraham	*Bristol, Conn.*	311 York st.
Reginald Jackson	*Kennett Square, Pa.*	82 Wall st.
Julius French Janes	*Cleveland, O.*	17 Hillhouse av.
Frederick Townsend Jarman	*Hartford, Conn.*	117 Wall st.
George Clark Johnson	*Cleveland, O.*	421 Temple st.
Charles Sterling Judson	*Ansonia, Conn.*	Ansonia
Cyrus Hamilton Kendall	*Norfolk, Conn.*	74 W. D.
Thomas White King	*Albany, N. Y.*	104 Wall st.
Milton Beckwith Kirk	*Chicago, Ill.*	133 Wall st.
Howard Camberne Kirkwood	*New Haven, Conn.*	222 Norton st.
Morris Knapp	*Deposit, N. Y.*	333 York st.
Charles Isaiah Lambert	*New Haven, Conn.*	43 Whalley av.
Seth Sidney Langley	*New Haven, Conn.*	229 Blatchley av.
Herman LaMott Levvy	*New York City*	397 Temple st.
William Albert Lilley, Jr.	*Passaic, N. J.*	311 York st.
Edwin Morehouse Lines	*New Haven, Conn.*	221 Wooster st.
Milton Charles Loeb	*New Haven, Conn.*	129 St. John st.
Thomas Lord	*Evanston, Ill.*	110 Wall st.
George Southmayd Macdonald	*New York City*	1151 Chapel st.
Nathan Mears Mackay	*Chicago, Ill.*	419 Temple st.
Albert Edward McGregor	*Pueblo, Colo.*	55 Prospect st.
John Alfred McMurtrie	*Denver, Colo.*	128 High st.
Albert F. McWilliams	*New Haven, Conn.*	1187 Chapel st.
Seth Marshall	*Duluth, Minn.*	90 Wall st.
Anthony Mendoza	*New York City*	226 York st.
Arthur Josiah Mills	*Pittsfield, Mass.*	407 Temple st.
Harry James Mold	*Blossburg, Pa.*	78 William st.
Charles Earl Moore	*Chicago, Ill.*	425 Temple st.
Edward Small Moore	*New York City*	391 Temple st.
George Morgan	*New York City*	104 Wall st.
George Baker Morris	*Pittsburg, Pa.*	116 College st.
John Mansfield Morse	*New Haven, Conn.*	204 York st.
Henry Herman Nagel	*Clinton, Conn.*	363 Orchard st.
Theodore Hugh Nevin	*Sewickley, Pa.*	419 Temple st.
Ridgely Nicholas	*Babylon, L. I., N. Y.*	135 College st.
Charles Arthur Norton	*Middletown Spr., Vt.*	47 York sq.

Byron Nugent, Jr.	*St. Louis, Mo.*	411 Temple st.
Joseph Vincent O'Donnell	*New Haven, Conn.*	30 Ward st.
Thomas Ambrose O'Keefe	*New Haven, Conn.*	817 Orange st.
Chauncey O'Neil	*Sewickley, Pa.*	419 Temple st.
Robert Hemingway Parker	*New Haven, Conn.*	561 Quinnipiac av.
Robert Dun Patterson	*Dayton, O.*	393 Temple st.
Oliver Perin	*Baltimore, Md.*	419 Temple st.
Claude C. Pinney	*Stafford, Conn.*	395 Temple st.
George Owens Pitzipio	*Staten Island, N. Y.*	393 Temple st.
John Benjamin Porteous	*Norwich, Conn.*	407 Temple st.
Harrison Prindle	*New Britain, Conn.*	397 Temple st.
Edward Hamilton Prior	*New Britain, Conn.*	413 Temple st.
Rodney Procter	*New York City*	152 Grove st.
Charles Donnelly Rafferty	*Pittsburg, Pa.*	419 Temple st.
Robert Wright Read	*Bridgeport, Conn.*	90 Wall st.
Lewis Martin Richmond	*Flushing, N. Y.*	113 Wall st.
Alfred Newton Robbins	*Norwood, Mass.*	124 Wall st.
Homer Angelo Rogers	*New York City*	128 High st.
Lucius Rossiter	*New York City*	405 Temple st.
Daniel Runkle	*Plainfield, N. J.*	133 College st.
Cyril Charles Sanders	*Montclair, N. J.*	411 Temple st.
Henry Ellsworth Sanford	*New Haven, Conn.*	30 Dwight st.
John Longer deSaulles	*S. Bethlehem, Pa.*	131 Grove st.
Evander Baker Schley	*Far Hills, N. J.*	405 Temple st.
Frederick Roosevelt Scovel	*New York City*	110 Wall st.
Abraham Kohn Selz	*Chicago, Ill.*	125 High st.
Edwin Reynolds Shoenberger	*Chicago, Ill.*	409 Temple st.
Erskine Markley Smith	*Philadelphia, Pa.*	110 Wall st.
Morgan Lewis Kenmouth Smith	*Morristown, N. J.*	405 Temple st.
Kenneth Charles Sooysmith	*New York City*	122 Wall st.
Edward Billings Spalding	*New Haven, Conn.*	9 High st.
George P. Spencer	*Watertown, N. Y.*	110 Wall st.
Bard Mayhew Stephens	*Cincinnati, O.*	110 Wall st.
Ralph Edward Stephens	*Maquoketa, Iowa*	8 Prospect pl.
George Gardner Stephenson, Jr.	*Brooklyn, N. Y.*	419 Temple st.
Walter Watson Stokes	*New York City*	393 Temple st.
Edmund Hutchinson Strong	*Chicago, Ill.*	413 Temple st.
Louie Palmer Strong	*Hartford, Conn.*	113 College st.
Albert Herman Francis Stursberg	*Bernardsville, N. J.*	389 Temple st.
John Emet Sweet	*Montrose, Pa.*	124 Wall st.
William Bridges Thayer, Jr.	*Kansas City, Mo.*	287 York st.
Lewin Hartley Thomas	*New Brighton, N. Y.*	117 Wall st.
David Pearson Thompson	*Chicago, Ill.*	419 Temple st.
Nathan David Thompson, Jr.	*Webster Groves, Mo.*	407 Temple st.

Charles Edward Tocher	*Seymour, Conn.*	74 W. D.
Chester Dudley Tripp	*Chicago, Ill.*	110 Wall st.
Charles Henry Turkington	*East Morris, Conn.*	332 Temple st.
Alfred Tweedy	*New York City*	405 Temple st.
Louis Frederick Vaile	*Denver, Colo.*	119 Wall st.
Clyde Edward Vance	*Ansonia, Conn.*	Ansonia
Charles Hinkley VanKirk	*Chicago, Ill.*	393 Temple st.
Alan Zook VanNatta	*St. Joseph, Mo.*	397 Temple st.
Harold Loveridge Vedder	*Buffalo, N. Y.*	397 Temple st.
Lewis Vincent	*Rockford, Ill.*	419 Temple st.
Horatio Watson Wales	*Massillon, O.*	425 Temple st.
Frank Atwater Ward	*New Haven, Conn.*	139 College st.
Kennard Wasson	*Indianapolis, Ind.*	391 Temple st.
George Adams Watson	*Indianapolis, Ind.*	114 High st.
Frank Griffiths Webster	*Buffalo, N. Y.*	333 York st.
Lee Field Whitbeck	*Cooperstown, N. Y.*	120 College st.
Harlan Hilliard White	*Manchester, Conn.*	118 College st.
Livingston Whitney	*Morristown, N. J.*	111 Grove st.
Alfred Tennis Wick	*Cleveland, O.*	111 Grove st.
Thomas Lloyd Wickenden	*Buffalo, N. Y.*	8 Prospect pl.
Louis DeNormandy Willard	*Allegheny, Pa.*	119 Wall st.
John Charles Williams	*New Haven, Conn.*	391 Blatchley av.
Leonard Willets Williams	*Belmont, N. Y.*	333 York st.
Thomas Hilton Williams, Jr.	*Jersey City, N. J.*	113 Wall st.
Robert William Wilson	*New Haven, Conn.*	28 Asylum st.
Joseph Hooker Woodward	*Hartford, Conn.*	128 High st.

FRESHMEN, 199

SPECIAL STUDENTS NOT CANDIDATES FOR A DEGREE

Charles Edward Bascom	*St. Louis, Mo.*	111 Grove st.
Joe Edward Bayrd	*St. Louis, Mo.*	133 College st.
Arthur Glenney Belden	*New Haven, Conn.*	186 Sherman av.
Charles Enoch Allen Bennett	*Amesbury, Mass.*	332 York st.
Edward Wallace Brainard	*S. Orange, N. J.*	143 College st.
Walter Symington Clark	*Louisville, Ky.*	1 Hillhouse av.
Charles Sherman Farnham	*Collinsville, Conn.*	123 York st.
William Hastings Ferguson	*Chicago, Ill.*	333 York st.
Thomas Aloysius Fogarty	*New Haven, Conn.*	264 Blatchley av.
James Boies Alleyne Fosburgh	*Buffalo, N. Y.*	111 Grove st.
Benjamin Lyman Greenbaum	*New Haven, Conn.*	401 George st.
Southard Hay	*Allegheny, Pa.*	131 Grove st.
Charles Thomas Hindley	*New York City*	17 Hillhouse av.
Otto Glaser Hupfel	*Brinckerhoff, N. Y.*	82 Wall st.
Walter Alpheus Jones	*New Haven, Conn.*	82 Wooster st.
John Francis Judge	*Salt Lake City, Utah*	96 Wall st.
James Alexander Keays, B.A. University of Bishops College 1879	*Lennoxville, Canada*	54 E. D.
Richmond Mortimer Levering	*La Fayette, Ind.*	131 Grove st.
Moses Charles Myers	*New Haven, Conn.*	4 Jefferson st.
Josiah Julian Obear	*Winnsboro, S. C.*	130 Wall st.
John Henry Overall, Jr.	*St. Louis, Mo.*	22 College st.
James Courtney Punderford	*New York City*	17 Hillhouse av.
Baxter Reynolds	*New York City*	126 High st.
Edward Augustus Stillman	*Hartford, Conn.*	287 York st.
Wilhelmus Mynderse Stillman	*San Francisco, Cal.*	133 College st.
Harold Richmond Talbot	*New York City*	133 College st.
John Emery White	*Buffalo, N. Y.*	22 College st.
Maurice C. Williams	*Gettysburg, Pa.*	10 Ashmun st.
Victor Wilson	*Kansas City, Mo.*	285 York st.

SPECIAL STUDENTS, 29

SUMMARY

GRADUATES	105
SENIORS	134
JUNIORS	143
FRESHMEN	199
SPECIAL STUDENTS	29
	610

YALE SCHOOL OF THE FINE ARTS

Hugh Archbald	*Scranton, Pa.*	264 L.
Easter Armstrong	*New Haven, Conn.*	208 Canner st.
Jean Howe Atwater	*New Haven, Conn.*	345 Whitney av.
S. Clifford Babbitt	*Meriden, Conn.*	Meriden
Charles Houghton Baxter	*Elmira, N. Y.*	11 V.
Ethel Welles Bennett	*New Haven, Conn.*	357 Elm st.
Frederick Douglass Bonner	*New Haven, Conn.*	37 Eaton st.
Katarina Sloat Bowers	*Bridgeport, Conn.*	209 Crown st.
Bertha Kimberly Bradley	*New Haven, Conn.*	212 York st.
Mabel Daskam Bradley	*New Haven, Conn.*	1346 Chapel st.
Edward Dudley Bradstreet	*Meriden, Conn.*	220 V.
Alice La Bord Brereton	*East Northfield, Mass.*	40 Lake pl.
Charlotte Lyman Brewster	*Derby, Conn.*	Derby
Jean May Burr	*Monroe, Conn.*	Monroe
Lilias Lorene Burton	*Whitneyville, Conn.*	Whitneyville
Mary Cashen	*Meriden, Conn.*	Meriden
Henry Hall Christian	*Minneapolis, Minn.*	28 V.
Alice May Clark	*Bridgeport, Conn.*	Bridgeport
Nathaniel Haviland Cobb	*Danville, Vt.*	404 B.
Owen Crawford	*Cincinnati, O.*	378 WH.
Ethel Sheldon Curtis	*Stratford, Conn.*	Stratford
William Wheeler Duncan	*Chatham, N. Y.*	252 L.
Arthur Edgar Ely	*East River, Conn.*	1081 Chapel st.
Elizabeth Anna Ennis	*West Haven, Conn.*	West Haven
Harold Chester Evarts	*Meriden, Conn.*	271 L.
Alton Farrel	*Ansonia, Conn.*	387 B.
Grace Whittier Ferris	*Brooklyn, N. Y.*	118 York st.
John Arthur Findley	*Andover, Mass.*	128 High st.
Harry Montieth Flint	*Collinsville, Conn.*	355 WH.
Elizabeth Gallagher	*New Haven, Conn.*	13 University pl.
George Wagner Gerbich	*Bridgeport, Conn.*	Tontine Hotel
William Frederick Hamilton	*New Haven, Conn.*	131 Washington st.
Clara Elizabeth Hart	*Waterbury, Conn.*	83 Grove st.
Isao Hashimoto	*Kioto, Japan*	330 Crown st.
Katherine Panet Hastings	*New Haven, Conn.*	248 Bradley st.
George Ainslee Hewett	*Louisville, Ky.*	41 V.
William Beck Hills	*Orange, N. J.*	122 W. D.
Waldemar Conrad Hirschfeld	*Meriden, Conn.*	Meriden
Sara Moulthrop Holbrook	*New Haven, Conn.*	1501 Chapel st.

Ada Florence Howes	*Bridgeport, Conn.*	Bridgeport
William Hills Hutchins	*Indian Orchard, Mass.*	413 B.
John William Joy	*Waterbury, Conn.*	73 S. M.
Wilford Williams Linsly	*New York City*	299 W.
James Lee Loomis	*Granby, Conn.*	378 W.
Mabel Finetta Loomis	*New Haven, Conn.*	79 Cottage st.
Huc Mazelet Luquiens	*New Haven, Conn.*	333 W.
Wallace McBeath	*New Haven, Conn.*	Edgewood av.
Alfred Edgerton Manierre	*Chicago, Ill.*	272 L.
Norman Howell Mason	*Chicago, Ill.*	325 W.
James Layng Mills	*Philadelphia, Pa.*	178 LYC.
Ida Lucy Morse	*Meriden, Conn.*	Meriden
Maude Josephine Munson	*New Haven, Conn.*	389 Whitney av.
Ethel Stannard Norton	*Wallingford, Conn.*	Wallingford
Valeria Pelton	*Middletown, Conn.*	Middletown
Anna Harriet Pierce	*South Britain, Conn.*	40 Whalley av.
Katharine Parker Riley	*New Haven, Conn.*	281 Willow st.
Thomas Markoe Robertson	*New York City*	240 D.
Edith Sutherland Russell	*West Haven, Conn.*	West Haven
Henry Moore Russell, Jr.	*Wheeling, W. Va.*	1076 Chapel st.
Elizabeth Day Seymour	*New Haven, Conn.*	34 Hillhouse av.
Franklin Victory Sikes	*Suffield, Conn.*	333 York st.
Lewis Palmer Skidmore	*Bridgeport, Conn.*	50 E. D.
Ernest Walker Smith	*Hartford, Conn.*	321 W.
August Spaenkuch	*New Haven, Conn.*	170 Commerce st.
Lyndon Blaine Tewksbury	*Bangor, Me.*	137 F.
Bertha Dorcas Thrasher	*New Haven, Conn.*	47 Salem st.
Lucy Lavinia Verrill	*New Haven, Conn.*	86 Whalley av.
George Burwell Ward	*Bristol, Conn.*	353 WH.
Cameron Beach Waterman	*Detroit, Mich.*	I V.
John Jared Welsh	*South Orange, N. J.*	123 N.
Alice Hall Wetmore	*Winsted, Conn.*	Winsted
Susan Whiting	*New Haven, Conn.*	345 Whitney av.
Oliver Martin Wiard	*New Britain, Conn.*	104 N.
Mary Benham Woolverton	*New Haven, Conn.*	46 Mansfield st.
Myra Estelle Wooster	*Bridgeport, Conn.*	Bridgeport

STUDENTS, 75

Besides the above, the Freshman Class of the Sheffield Scientific School (199 students) receive instruction in free-hand drawing.

DEPARTMENT OF MUSIC

Mary Winchester Abbott, B.A. Vassar College 1894	*West Haven, Conn.*	11 College st.
Coleman Emanuel Andel	*Belleville, Ill.*	364 WH.
Julia W. Andrews	*Southington, Conn.*	Southington
Clara Asher	*New Haven, Conn.*	23 Grove st.
Amy Spencer Austin	*New Haven, Conn.*	2 University pl.
Carlotta Frost Baldwin	*Milford, Conn.*	Milford
Courtlandt Dixon Barnes	*New York City*	46 V.
Leta Tolles Beecher	*Bethany, Conn.*	Bethany
Eleanor Lewis Beers	*Bridgeport, Conn.*	Bridgeport
Edward Bailey Birge	*New Haven, Conn.*	8 Prospect pl.
Catherine Elizabeth Blatchley	*New Haven, Conn.*	219 Blatchley av.
Mabel Douglas Bosworth	*Milford, Conn.*	Milford
M. Josephine Bradley	*New Haven, Conn.*	186 Grand av.
Edward Dudley Bradstreet	*Meriden, Conn.*	220 V.
Antoinette Brett	*New Haven, Conn.*	195 James st.
Carrie Alice Brinsmade	*Derby, Conn.*	Derby
Armitt Brown	*Burlington, N. J.*	242 York st.
Graham Brush	*New York City*	334 WH.
Walter Lawrence Chamberlain	*Springfield, Mass.*	414 B.
John Bullard Chamberlin	*Unionville, Conn.*	104 N.
William Woods Chandler, B.A. Yale University 1896	*New Haven, Conn.*	31 High st.
Alice Josephine Cheney	*New Haven, Conn.*	45 Elm st.
Frank Miller Chisholm	*Savannah, Ga.*	39 V.
George Peters Chittenden	*New York City*	238 D.
Robert Keep Clark	*Chicago, Ill.*	277 Crown st.
Mabel Edna Clarke	*New Haven, Conn.*	223 Whalley av.
William Edward Clegg	*Providence, R. I.*	114 N.
Saidee Winifred Cooper	*New Haven, Conn.*	18 Woolsey st.
Florence May Cornwall	*Milford, Conn.*	Milford
William Stickney Creevey	*Brooklyn, N. Y.*	10 V.
John Leslie Crosthwaite, Jr.	*Buffalo, N. Y.*	68 V.
Florence Isabel Cummings	*Plantsville, Conn.*	Milford
Eugene Newton Curtis	*White Plains, N. Y.*	295 W.
Eleanor E. Dibble	*New Haven, Conn.*	656 Orange st.
Amy Eliot Dickerman	*New Haven, Conn.*	140 Cottage st.
Frank Earnest	*New Haven, Conn.*	23 Dummer st.

Nellie Estelle Edmondson	*New Haven, Conn.*	173 Blatchley av.
Henry Sturges Ely	*Binghampton, N. Y.*	286 W.
Annie Young Fanslow	*New Haven, Conn.*	53 Salem st.
Harry Monteith Flint	*Collinsville, Conn.*	355 WH.
Eva Estella Frisbie	*Bridgeport, Conn.*	Bridgeport
Samuel Warren Gardiner	*Maplewood, N. J.*	123 N.
Benjamin Joseph Garrity	*Southington, Conn.*	Southington
Paul Titus Gilbert	*New Haven, Conn.*	224 Oak pl.
Charles Gould	*Albany, N. Y.*	183 LYC.
Julia Stanley Gridley	*Southington, Conn.*	Southington
Leland Mortimer Haight	*East Haven, Conn.*	Foxon
Edna Hall	*Wallingford, Conn.*	Wallingford
John Le Roy Hammond	*Savannah, Ga.*	8 V.
Edward Roswell Hawley	*Huntington, Conn.*	Huntington
Mabel Adele Hepburn	*New Haven, Conn.*	7 Cottage st.
Alfred Reed Hill	*Nevada, Mo.*	260 L.
William Reynolds Hitt	*Washington, D. C.*	6 V.
William Brian Hooker	*Farmington, Conn.*	352 WH.
Lawrence Augustus Howard	*Hartford, Conn.*	91 S. M.
James Wakeman Hubbell	*New York City*	147 F.
John Joseph Hughes	*Lansingburg, N. Y.*	417 B.
George Huntington Hull, Jr.	*Tuxedo Park, N. Y.*	4 V.
D. L. James	*Kansas City, Mo.*	297 B.
Gertrude Louisa Jordan	*New London, Conn.*	New London
James Cuyler Kimball	*Governors Island, N. Y.*	69 V.
Walter Irving King	*Thompsonville, Conn.*	355 WH.
Garrett Bergh Kip	*New York City*	67 V.
Edwin Arthur Kraft	*New Haven, Conn.*	150 Oak st.
William Jacob Kraft	*New Haven, Conn.*	150 Oak st.
Howard LaField, B.A. Yale University 1891	*Bridgeport, Conn.*	Bridgeport
Hattie Lambert	*New Haven, Conn.*	43 Whalley av.
Mabel Estelle Leston	*New Haven, Conn.*	36 Cassius st.
Benjamin Franklin Lewenthal	*Hartford, Conn.*	Hartford
Anita Marian Lewis	*Plantsville, Conn.*	Plantsville
Kate Lee Lewis	*New Haven, Conn.*	121 Park st.
Agnes Littlejohn	*Norwalk, Conn.*	Norwalk
James Lee Loomis	*Granby, Conn.*	378 WH.
Richard Becker Lyon	*New Haven, Conn.*	395 Crown st.
Norman Howell Mason	*Chicago, Ill.*	325 W.
John Oppie McCall	*Binghamton, N. Y.*	236 D.
Downer McCord	*Chicago, Ill.*	49 V.
Harry Sargent Mead	*Dayton, O.*	305 W.

Payson McLane Merrill	*New York City*	160 F.
Charles Conrad Meyer	*Louisville, Ky.*	183 LYC.
Athelstan Mills	*Albany, N. Y.*	56 Whalley av.
Ray Morris	*New Haven, Conn.*	335 WH.
Alice Fairman Moulthrop	*New Haven, Conn.*	620 Orange st.
Julius Neumann	*Westville, Conn.*	Westville
Florence May Nichols	*Nichols, Conn.*	Nichols
Mary Elizabeth Nicoll	*New Haven, Conn.*	418 George st.
De Witt Clinton Noyes	*New York City*	3 V.
Anna O'Brien	*New Haven, Conn.*	101 Hill st.
Lorenzo Pratt Oviatt	*Milford, Conn.*	Milford
Charles Albert Page	*East Haven, Conn.*	East Haven
Morris Ketchum Parker	*New York City*	240 D.
Sadie Burton Pickett	*Seymour, Conn.*	Seymour
Clarkson Potter	*St. Louis, Mo.*	20 V.
Elizabeth Stapleton Quinlan	*New Haven, Conn.*	35 Lynwood st.
Ralph Redpath Richardson	*St. Joseph, Mo.*	62 V.
Thomas Markoe	*New York City*	240 D.
Carrie Nell Saunders	*Ansonia, Conn.*	Ansonia
Ralph Hugo Schneeloch	*New Haven, Conn.*	294 Elm st.
Alice Heloise Shoninger	*New Haven, Conn.*	385 Orange st.
John A. Skene	*North Tonawanda, N. Y.*	15 Lake pl.
Maud Bernice Skidmore	*Bridgeport, Conn.*	Bridgeport
Charles William Smith, 2d	*East Hampton, Mass.*	142 F.
David Stanley Smith, B.A. Yale University 1900	*New Haven, Conn.*	731 Elm st.
Keith Spalding	*New York City*	69 V.
Richard Selden Spencer	*Deep River, Conn.*	253 L.
Mae Louisa Stanley	*Waterbury, Conn.*	Waterbury
Porter Steele	*Brooklyn, N. Y.*	398 B.
George Chadwick Stock	*New Haven, Conn.*	175 Ellsworth av.
Smith Harold Stone	*Syracuse, N. Y.*	31 V.
Emanuel Emory Strauss	*Louisville, Ky.*	201 D.
Frederick William Struby	*Denver, Col.*	22 V.
Rush Sturges	*Providence, R. I.*	32 V.
Charles Denison Talcott	*Talcottville, Conn.*	414 B.
George Rexford Tillson	*Montclair, N. J.*	254 Crown st.
Luella Totten	*Pittsburg, Pa.*	396 Congress av.
Joseph Tilney Wadsworth	*Plainfield, N. J.*	20 V.
Harold Sedgwick Wallace	*Ansonia, Conn.*	178 LYC.
William Stimpson Wallace	*Springfield, Mass.*	Springfield
Harry Thomas Weeks, Jr.	*Chicago, Ill.*	301 W.
Bradley Agard Welch	*Torrington, Conn.*	380 WH.

Florence Annette Wells	*Wallingford, Conn.*	Wallingford
Agnes Matella Whitcomb	*New Haven, Conn.*	5 Gilbert av.
James Lyman Whitney	*Branford, Conn.*	354 WH.
Mabel Hyatt Whittlesey	*New Haven, Conn.*	309 Edgewood av.
Charles Sherrill Wilcox	*East Haven, Conn.*	Morris Cove
Yoshi Yamaguchi	*Kyoto, Japan*	351 Washington st.

STUDENTS, 126

DEPARTMENT OF FORESTRY
(YALE FOREST SCHOOL)

Alfred Akerman, B.A. University of Georgia 1898	*Cartersville, Ga.*	55 Prospect st.
Charles Sydney Chapman, B.AGR. Storrs Agricultural College 1898	*Westbrook, Conn.*	360 Prospect st.
Alfred Knight Chittenden, PH.B. Yale University 1900	*New Haven*	83 Trumbull st.
George Edwards Clement, B.A. Harvard University 1900	*Boston, Mass.*	360 Prospect st.
Christopher Temple Emmet, M.E. Stevens Institute of Technology 1891	*Portchester, N. Y.*	208 Canner st.
Roy Leon Marston, Bowdoin 1899	*Skowhegan, Me.*	360 Prospect st.
George Hewitt Myers, B.A. Yale University 1898	*Washington, D. C.*	360 Prospect st.

STUDENTS, 7

DEPARTMENT OF THEOLOGY

(YALE DIVINITY SCHOOL)

GRADUATE CLASS

PURSUING FOURTH YEAR STUDIES

George Ferdinand Abel, B.A. Gettysburg College 1897, B.D. Yale University 1900	*Philadelphia, Pa.*	2 E. D.
William DeVerne Beach, B.A. Yale University 1897, B.D. Yale University 1900	*New Haven, Conn.*	631 Elm st.
Stanley Francis Blomfield, B.A. Olivet College 1895, B.D. Yale University 1899	*Stony Creek, Conn.*	Stony Creek
George Manley Butler, B.A. Amherst College 1897, B.D. Yale University 1900, Dwight Fellow	*Northampton, Mass.*	Berlin, Germany
John Pitt Deane, B.A. Cornell University 1890, B.D. Yale University 1898	*New Haven, Conn.*	95 W. D.
Eugene William Lyman, B.A. Amherst College 1894, B.D. Yale University 1899, Hooker Fellow	*Cummington, Mass.*	Halle, Germany
George Redington Montgomery, B.A. Yale Univ. 1892, LL.B. Yale Univ. 1894, B.D. Yale University 1900	*New Haven, Conn.*	84 W. D.
Peter Roberts, B.A. Brecon Memorial College, B.D. Yale University 1886	*Scranton, Pa.*	48 E. D.
C. K. Takeda, B.D. Pacific Theological Seminary 1899	*Kochi, Tosa, Japan*	105 W. D.
William Weber, Universities of Bonn and Strassburg	*New Haven, Conn.*	336 George st.

GRADUATE CLASS, 10

SENIOR CLASS

William Talbot Allison, B.A. Toronto University 1899, M.A. Toronto University 1900	*Toronto, Canada*	26 E. D.
Walter Conkling Blakeslee, B.A. Beloit College 1896	*Milwaukee, Wisc.*	18 E. D.

Ferdinand Quincy Blanchard, B.A. Amherst College 1898	*West Newton, Mass.*	55 W. D.
Charles Spurgeon Calhoun, B.A. Bates College 1899	*Lewiston, Me.*	46 E. D.
William Evan Davies, B.A. Marietta College 1898	*Scranton, Pa.*	88 W. D.
William Loren Fisher, B.A. Bethany College 1899, M.A. Bethany College 1900	*New London, Mo.*	31 E. D.
James Francis Gregory, B.A. Amherst College 1898	*Bordentown, N. J.*	32 E. D.
Ernest Rutherford Groves	*Hudson, Mass.*	33 E. D.
Edgar Laing Heermance, B.A. Yale University 1897, M.A. Yale University 1899	*New Haven, Conn.*	17 E. D.
Alban Bernard Hyde, B.A. Bates College 1899	*Auburn, Me.*	46 E. D.
Charles Wilfred Jackson, B.A. Acadia University 1896	*Montowese, Conn.*	Montowese
Anton Rasmus Larson, B.A. Yankton College 1898	*Vilas, S. D.*	25 E. D.
Claude Percy Leach, B.A. Northwestern Christian College 1895, B.D. Drake University 1897	*Moulton, Iowa*	8 E. D.
Clarence Melville Lippincott, B.A. Waynesburg College 1898	*Waynesburg, Pa.*	23 E. D.
George Requa Lockwood, B.A. Iowa College 1898	*Montclair, N. J.*	94 W. D.
Dorance Bertel Lothrop, B.A. Yale University 1895	*Pittsfield, Me.*	17 E. D.
Masukichi Matsumoto, M.A. Asbury College 1898	*Hiroshima, Japan*	89 W. D.
Charles Wolcott Merriam, B.S. Amherst College 1898	*Springfield, Mass.*	111 York st.
Herbert Henry Moninger, B.A. Bethany College 1898, M.A. West Virginia University 1899	*Washington, Pa.*	31 E. D.
George Leslie Omwake, B.A. Ursinus College 1898	*Greencastle, Pa.*	14 E. D.
Philip Henry Ralph, B.A. Beloit College 1898	*New Haven, Conn.*	276 Peck st.
William James Charles Ralph Chicago Theol. Seminary 1894	*New Haven, Conn.*	276 Peck st.
Frank Milton Sheldon, B.S. Tabor College 1898	*Tabor, Iowa*	24 E. D.
Jay Thomas Stocking, B.A. Amherst College 1895	*Canton, N. Y.*	27 E. D.
Charles Lysander Storrs, Jr., B.A. Amherst College 1896	*Boston, Mass.*	82 W. D.

Alfred Edward Thistleton	*Jersey City, N. J.*	38 E. D.
John Armstrong Wade, B.A. Yale University 1899	*Brooklyn, N. Y.*	87 W. D.

SENIOR CLASS, 27

MIDDLE CLASS

John Bicknell, B.A. Yale University 1899	*West Cummington, Mass.*	80 W. D.
Warren Daniels Bigelow, B.A. Harvard University 1898, M.A. Harvard University 1899	*Roxbury, Mass.*	97 W. D.
Shelton Bissell, B.A. Yale University 1897	*Montclair, N. J.*	78 W. D.
Frank John Bruno, B.A. Williams College 1899	*Newark, N. J.*	73 W. D.
John Henry Couch	*Knob Noster, Mo.*	41 E. D.
Reuben James Goddard	*Springfield, O.*	77 W. D.
Johannes Jensinius Horvei, B.A. Augburg Seminary 1899	*Anthony, Wisc.*	53 E. D.
James Hyde	*Stamford, Conn.*	22 E. D.
George Herbert Johnson, B.A. Bates College 1900	*Farmington, N. H.*	15 E. D.
Toraji Makino, B.A. Doshisha College 1892	*Omi, Japan*	44 E. D.
Alexander Louis McKenzie, B.A. Yale University 1900	*Wareham, Mass.*	20 E. D.
Frederick Wingate Raymond, B.A. Amherst College 1899	*East Weymouth, Mass.*	99 W. D.
John Joseph Samuel, Carmarthen College 1899	*New Castle Emlyn, S. Wales*	29 E. D.
Josiah Sibley, B.A. Pomona College 1899	*Los Angeles, Cal.*	93 W. D.
William Ernest Andrew Slaght, B.A. Toronto University 1898	*Toronto, Can.*	26 E. D.
Frederick Lemuel Stottlemyer, A.B. Bethany College 1900	*Beaver Creek, Md.*	41 E. D.
Ralph Herbert White, B.A. Wesleyan University 1894	*Philadelphia, Pa.*	102 W. D.

MIDDLE CLASS, 17

JUNIOR CLASS

Harry Ashton Barnes	*Tabor, Ia.*	39 E. D.
Seth Herbert Buell, B.A. Oberlin College 1900	*Plymouth, Conn.*	96 W. D.
Raymond Gilmore Clapp, B.A. Boston University, 1900	*S. Boston, Mass.*	81 W. D.
Grant V. Clark	*Princeton, Wisc.*	122 Wall st.
James Marvin Culbreth, B.A. Trinity College (N. C.) 1900	*Jamesboro, N. C.*	40 E. D.
Arthur Charles Diefenbach, B.A. Olivet College 1900	*Port Huron, Mich.*	104 W. D.
Merlin Ennis, B.A. Beloit College 1900	*Endeavor, Wisc.*	19 E. D.
Everett Edward Green, B.A. Amherst College 1900	*Spencer, Mass.*	108 W. D.
William John Gunn, B.A. Harvard University 1899	*Portland, Me.*	103 W. D.
William Andrew Harrod	*Baltimore, Md.*	27 Eaton st.
Robert Ritchie Harwell, B.A. Hampden Sidney College 1897	*Petersburg, Va.*	53 E. D.
John Lloyd Hopwood, B.A. Marietta College 1900	*Plymouth, Pa.*	28 E. D.
Thomas McCandless, B.A. Yale University, 1900	*Meriden, Conn.*	45 E. D.
Charles Brown MacDuffee, B.A. Amherst College 1900	*Charleston Four Corners, N. Y.*	109 W. D.
George William Owen, B.A. Hamilton College 1899	*New Haven, Conn.*	264 Peck st.
Edwin Arundel Ralph, B.A. Beloit College 1900	*Beloit, Wisc.*	276 Peck st.
James Evan Rees, B.A. Marietta College 1896	*Plymouth, Pa.*	35 E. D.
George Rogers, B.A. Capital University (Ohio) 1886	*Baltimore, Md.*	43 E. D.
Christopher Crocker St. Clare, B.A. Amherst College 1900	*New London, Conn.*	109 W. D.
Herman Shaffer, B.A. Yale University 1900	*Philadelphia, Pa.*	47 E. D.
Henry Francis Smith, B.A. Beloit College 1897	*Marsovan, Turkey*	42 E. D.
Henry K. Spearman, B.A. Lincoln University 1900	*Newberry, S. C.*	114 W. D.
Léon Paul Frédéric Vauthier, B.A. French American College 1900	*Beaucourt, France*	98 W. D.

JUNIOR CLASS, 23

RESIDENT LICENTIATES

ATTENDING LECTURES

Charles Edgar Adamson, M.A. Boston University, 1883, B.D. Drew Theological Sem. 1880, PH.D. Boston University 1891	*Philadelphia, Pa.*	75 E. D.
James Wilson Bixler, M.A. Amherst College 1882, B.D. Yale University 1887	*New London, Conn.*	New London
Abram Lanman Chase, B.A. Allegheny College 1886	*New York City*	33 Gregson st.
S. H. Davis	*Westerly, R. I.*	217 Edgewood av.
William Henry Hayes, B.A. Wesleyan University 1895	*North Guilford, Conn.*	15 E. D.
William Milton Hess, B.A. Yale University 1896, PH.D. Yale University 1899	*Philadelphia, Pa.*	135 Elm st.
Frederick Augustus Holden, B.A. Amherst College 1878	*Morris, Conn.*	Morris
William Gilbert Lathrop, B.A. Brown University 1889, B.D. Yale University 1892	*North Haven, Conn.*	North Haven
James Camelford MacInnes, B.A. Amherst College 1894	*Galena, Ill.*	110 W. D.
William Roberts	*New Haven, Conn.*	238 Townsend av.
William H. Sallmon, B.A. Yale University 1894, M.A. Yale University 1897	*New Haven, Conn.*	30 E. D.
John Wesley Wetzel, PH.B. Kansas College 1894	*New Haven, Conn.*	409 George st.

RESIDENT LICENTIATES, 12

SUMMARY

GRADUATE CLASS,	10
SENIOR CLASS,	27
MIDDLE CLASS,	17
JUNIOR CLASS,	23
RESIDENT LICENTIATES,	12
TOTAL,	89

DEPARTMENT OF MEDICINE
(YALE MEDICAL SCHOOL)

SENIOR CLASS

Noah Arthur Burr, B.A. Yale University 1898	*Winchester Center, Conn.*	105 Park st.
Patrick Vincent Costello	*New Haven, Conn.*	214 Franklin st.
William Joseph Flannery	*New Britain, Conn.*	New Britain
Samuel Gurney	*Bridgeport, Conn.*	142 York st.
Edgar Francis Hamlin	*Plantsville, Conn.*	297 Crown st.
Gould Shelton Higgins	*Hanover, Conn.*	1157 Chapel st.
Leone Franklin LaPierre	*Norwich, Conn.*	404 Crown st.
Walter Sidders Lay	*Westbrook, Conn.*	560 Winthrop av.
Howard DeForest Lockwood	*Bridgeport, Conn.*	11½ Park st.
Nelson Amos Ludington, Jr.	*New Haven, Conn.*	316 Crown st.
Arthur Samuel McQueen	*New Haven, Conn.*	11½ Park st.
Thomas Francis Maher	*New Haven, Conn.*	133 Nash st.
Frederick Fletcher Malony	*Dundee, N. Y.*	1157 Chapel st.
George August May	*Philadelphia, Pa.*	Gymnasium
James Percival Morrill	*Springfield, Mass.*	333 York st.
Corydon Mott Ryno, B.S. Rutgers College 1898	*Benton Harbor, Mich.*	281 Crown st.
William Senger, B.A. Williams College 1895	*Port Jervis, N. Y.*	316 Crown st.
Paul Russell Stetson	*New Haven, Conn.*	38 Jewell st.
George Streit	*New Haven, Conn.*	S. Quinnipiac st.

SENIOR CLASS, 19

JUNIOR CLASS

Henry Ely Adams	*Bloomfield, Conn.*	120 York st.
David Bercinsky	*New Haven, Conn.*	28 Dow st.
Edward Sumner Brackett, B.A. Yale University 1897	*Hartford, Conn.*	333 York st.
Irving Edwin Brainard	*Bristol, Conn.*	1151 Chapel st.
William Joseph Cooney	*New Haven, Conn.*	107 Greene st.
James Joseph Dunleavy	*New Haven, Conn.*	14 St. John st.
Gaston Holcombe Edwards, M.S. Yale University 1899	*Granby, Conn.*	57 Prospect st.
Francis Arthur Emmett	*New Britain, Conn.*	39 Lynwood st.
James Henry Haberlin	*Pawtucket, R. I.*	161 York st.
Herman Philip Hessler	*New Haven, Conn.*	898 State st.
William McKimmie Higgins, B.A. Yale University 1893	*Thompsonville, Conn.*	233 York st.
Robert Barnabas Keane	*Bridgeport, Conn.*	42 College st.

Victor Alexander Kowalewski, B.A. Yale University 1899	*New Haven, Conn.*	86 Second st.
Edward Charles Krause	*New Haven, Conn.*	26 Ward st.
John Edward Lane, B.A. Yale University 1894	*Hadley, Mass.*	122 Howe st.
Elisha Sears Lewis, PH.B. Yale University 1899	*Springfield, Mass.*	219 York st.
Joseph Abraham Loeb	*New Haven, Conn.*	200 Franklin st.
John David Moore	*New Haven, Conn.*	223 Grand av.
Oran Alexander Moser	*Waterbury, Conn.*	280 Elm st.
Thomas Augustine O'Brien, PH.B. Yale University 1899	*New Haven, Conn.*	230 Oak st.
Cyrus Edmond Pendleton	*Hebron, Conn.*	381 George st.
John Francis Ryle	*Stamford, Conn.*	139 York st.
Albert Hayes Sharpe	*Branford, Conn.*	Gymnasium
George Francis Sheedy, PH.B. Yale University 1899	*Bridgeport, Conn.*	Bridgeport
Andrew Clay Swenson	*Waterbury, Conn.*	316 Crown st.
Lester Ferris Turney, B.A. Yale University 1899	*Derby, Conn.*	Derby
Frank William Wrinn	*New Haven, Conn.*	76 Washington av.

JUNIOR CLASS, 27

SECOND YEAR CLASS

Harold Sears Arnold, B.A. Yale University 1900	*New Haven, Conn.*	36 Dwight st.
John Harry Bailey, B.A. Yale University 1900	*New Haven, Conn.*	255 Columbus av.
William Hill Bean, PH.B. Yale University 1888	*New Haven, Conn.*	40 Pleasant st.
Frederick George Beck	*New Haven, Conn.*	122 Howe st.
Frederick Forrest Budd	*Meriden, Conn.*	Meriden
Hugh Eleazer Burbank, PH.B. Yale University 1900	*Plympton, Mass.*	34 Hillhouse av.
Charles Lester Curtiss	*New Haven, Conn.*	374 Whalley av.
Bartle Francis Donohoe	*Hinsdale, Mass.*	19 Sylvan av.
Arthur Edgar Ely, B.A. Yale University 1900	*East River, Conn.*	1081 Chapel st.
Charles Everett Farr, B.A. Yale University 1898	*Athol, Mass.*	333 York st.
Robert Ferguson, B.A. Yale University 1900	*Springfield, Mass.*	Yale Hall
Cleveland Ferris	*New York City*	67 Howe st.
Frederick Tracy Fitch	*Noank, Conn.*	1161 Chapel st.
Albert Henry Garvin	*Wethersfield, Conn.*	312 George st.
Herbert Charles Gibner	*Bridgeport, Conn.*	78 Dwight st.

Carlos Grout Hilliard, M.A. Brown University 1900	*Saxton's River, Vt.*	123 York st.
Eli Butler Ives	*Branford, Conn.*	256 State st.
Harry Otis Johnson, B.A. Yale University 1900	*Machias, Me.*	139 York st.
William Edward Kelly, B.S. Rutgers College 1898	*Jersey City, N. J.*	333 York st.
Robert William Kerr	*Newport, R. I.*	333 York st.
Joseph Pierre Lavalaye	*New Haven, Conn.*	370 Congress av.
Treby William Lyon	*New London, Conn.*	254 Crown st.
Joseph George Mahoney	*Shelton, Conn.*	543 Howard av.
Louis Adolph Notkins	*New Haven, Conn.*	252 Cedar st.
John James Pagter	*Brooklyn, N. Y.*	133 Dwight st.
Schuyler Paterson	*Burdett, N. Y.*	341 Crown st.
Wilbert Warren Perry	*Hartford, Conn.*	120 York st.
Frank Edward Phillips	*New Haven, Conn.*	10 Sylvan av.
Nathan Tolles Pratt, M.A. Trinity College 1897	*Bridgeport, Conn.*	Bridgeport
Walter Latham Rathbun	*Noank, Conn.*	1161 Chapel st.
Frank Joseph Ronayne	*Bridgeport, Conn.*	Bridgeport
James Francis Rooney	*Plainville, Conn.*	543 Howard av.
Robert Lee Rowley	*Hartford, Conn.*	120 York st.
Stuart Ernest Skiff	*Dundee, N. Y.*	341 Crown st.
Seymour Leopold Spier	*New Haven, Conn.*	89 Park st.
Frank Billings Standish	*Meriden, Conn.*	78 Dwight st.
Raynham Townshend, PH.B. Yale University 1900	*New Haven, Conn.*	234 Church st.
Ellsworth Granville Warner	*Hamden, Conn.*	Hamden

SECOND YEAR, 38

FIRST YEAR CLASS

Howard Sanford Allen	*Woodbury, Conn.*	111 Edgewood av.
Frank Calvin Atchison	*Norwich, Conn.*	312 George st.
George Eugene Bolles	*Bethel, Conn.*	130 St. John st.
Zellie Adam Bonoff	*New Haven, Conn.*	26 Palmer st.
Edward Joseph Brophy	*New Haven, Conn.*	38 Shelter st.
Eugene Buckman	*New Haven, Conn.*	59 Lake pl.
William Eugene Burrows	*New London, Conn.*	86 Broadway
William Francis Collins	*New Haven, Conn.*	393 East st.
Andrew Payne Cornwall	*Portland, Conn.*	135 Howe st.
Edward Frances Crofutt	*Bethel, Conn.*	532 Howard av.
John Henry Dillon	*Waterbury, Conn.*	111 Dwight st.
James Bernard Dinnan	*New Haven, Conn.*	96 Broad st.
Daniel Edward Egan	*New Haven, Conn.*	20 Pearl st.
Frederick Charles Ender	*New Haven, Conn.*	54 DeWitt st.

Emanuel Charles Fleischner	*New Haven, Conn.*	920 Grand av.
David Aloysius Flynn	*Bridgeport, Conn.*	Bridgeport
James Edward Foster	*Springfield, Mass.*	370 George st.
Frank Thomas Gaffney	*Wallingford, Conn.*	Wallingford
Travis Allen Ganung, Jr.	*New York City*	130 St. John st.
Joseph Leo Gilmore	*Albany, N. Y.*	144 Portsea st.
Harrison Gray	*New Haven, Conn.*	315 York st.
Charles Hammond	*Springfield, Mass.*	10 Baldwin pl.
Charles Ray Hawley	*Ottawa, Kansas*	1081 Chapel st.
William Caples Hipple	*Berlin, Germany*	316 Crown st.
Cecil Seymour Hudson	*Ansonia, Conn.*	1142 Chapel st.
John Wilson Hunt	*Olathe, Kansas*	91 Olive st.
Thomas Robert Johnson	*Worcester, Mass.*	1142 Chapel st.
James Hugh Kane, B.A. Villanova College 1900	*Thomaston, Conn.*	532 Howard av.
James Francis Kelly	*Bridgeport, Conn.*	Bridgeport
Fred Pollock Lane	*New Haven, Conn.*	67 Howe st.
Arthur Riley Lyman	*Lowell, Mass.*	330 Crown st.
John Joseph MacDonald	*Bridgeport, Conn.*	516 Howard av.
Louis Raymond McDonough	*Westport, Conn.*	332 York st.
John James Murphy	*New Haven, Conn.*	42 York st.
Thomas Edward Parker, Jr.	*Waterbury, Conn.*	111 Dwight st.
Walter Loraine Plumb	*Milford, Conn.*	Milford
Harry Charles Podall	*New Haven, Conn.*	189 Meadow st.
Ferdinand Reichel	*New Haven, Conn.*	1002 Chapel st.
Arthur Charles Ruickoldt	*New Haven, Conn.*	71 Olive st.
John Andrew Savage	*Bridgeport, Conn.*	Bridgeport
James Vincent Smith	*New Haven, Conn.*	66 Putnam st.
Charles William Somerset	*New Haven, Conn.*	113 Howe st.
Willard George Steadman, Jr.	*Southington, Conn.*	297 Crown st.
Robert Gordon Caldwell Stewart	*Dalhousie, N. B., Can.*	217 York st.
Bartholomew Tiernan	*New Haven, Conn.*	487 Columbus av.
Richard Brower Wainwright	*New York City*	86 Broadway
Paul Mortimer Welton	*Watertown, Conn.*	1142 Chapel st.

FIRST YEAR, 47

SPECIAL STUDENTS

George Barton Cutten, M.A. Arcadia College 1897	*Amherst, Nova Scotia*	80 First st.
Homer Gifford Fuller	*Washington, D. C.*	159 Elm st.

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DEPARTMENT OF LAW
(YALE LAW SCHOOL)

GRADUATE CLASS

Nordahl Monroe Berg, LL.B., Atty. at Law, Drake University 1900	*Decorah, Ia.*	55 Prospect st.
Walter LeGrand Bevins, LL.B. Yale University 1900	*Meriden, Conn.*	Meriden
John Warren Edgerton, LL.B. Trinity College 1894	*Middletown, Conn.*	Middletown
John Frederick Haas, B.A. Lake Forest University 1900, LL.B. Lake Forest Univ. 1900	*Chicago, Ill.*	19 Sylvan av.
Charles Henry Harriman, LL.B. Yale University 1899	*New Haven, Conn.*	42 Church st.
Thomas Francis Hickey, LL.B. Yale University 1900	*Bridgeport, Conn.*	144 Park st.
Leslie Elmer Hubbard, LL.B. Yale University 1900	*Meriden, Conn.*	89 Bristol st.
Francis Joseph Kinney, LL.B. Yale University 1900	*Branford, Conn.*	Branford
William John Malone, LL.B. Yale University 1900	*Forestville, Conn.*	36 Hallock st.
Phelps Montgomery, B.A. Yale University 1895, LL.B. Yale University 1898	*New Haven, Conn.*	69 Church st.
Clayton Humiston Tyler, LL.B. Yale University 1900	*Hartford, Conn.*	64 Center st.
George Zahm, LL.B. Yale University 1900	*Syracuse, N. Y.*	276 Elm st.

GRADUATE STUDENTS, 12

SENIOR CLASS

Alfred Bailey Aubrey	*Meriden, Conn.*	Meriden
William Lockwood Barnett, B.A. Yale University 1898, Attorney at Law	*New Haven, Conn.*	27 College st.
William Gayle Beard	*Kiethsburg, Ill.*	314 Crown st.
Harold Ridgeway Berry Attorney at Law	*St. Louis, Mo.*	43 College st.
Carl Frederick Bollmann	*New Haven, Conn.*	40 Sylvan av.

James Henry Buchanan	*Bridgeport, Conn.*	103 Park st.
Charles Luther Burnham, B.A. Trinity College 1898, Attorney at Law	*New York City*	333 York st.
Albert Roberts Chamberlain, PH.B. Yale University 1897	*Meriden, Conn.*	Meriden
Edward James Conley	*Joliet, Ill.*	19 Sylvan av.
Robert Emmett Crowe	*Chicago, Ill.*	281 Crown st.
Daniel Joseph Danaher	*Meriden, Conn.*	Meriden
Robert Griswold DeForest	*Bridgeport, Conn.*	Bridgeport
Horace Greeley Eastburn, B.A. Delaware University 1895	*Union, Del.*	1 TR. BLD.
Charles Albert Ericson	*New Britain, Conn.*	55 Prospect st.
Ferris Faulkner	*New York City*	1044 Chapel st.
Arthur George Fessenden	*New Haven, Conn.*	18 Cassius st.
Herbert Wescott Fisher, B.A. Yale University 1898	*New Haven, Conn.*	166 York st.
Michael Flaherty, B.A. Yale University 1896	*Derby, Conn.*	83 Elm st.
Charles James Fox	*New Haven, Conn.*	58 Sylvan av.
Charles Anthony Fulton-Phizenmayer	*New York City*	1151 Chapel st.
Albion Lester Gile	*Portland, Oregon*	1151 Chapel st.
Edward Francis Hallen	*Bridgeport, Conn.*	Bridgeport
John Hillard	*Farmington, Conn.*	1151 Chapel st.
Charles Potter Hine, B.A. Yale University 1898	*Poland, O.*	1151 Chapel st.
Xenophon Pearce Huddy	*Providence, R. I.*	27 High st.
Arthur Johnson Hull, PH.B. Brown University 1895	*Stepney, Conn.*	83 Elm st.
William Henry Jackson	*Waterbury, Conn.*	533 P.
Harry Alphonso Jones	*Canton, O.*	137 Dwight st.
Robert Stanley Kearney	*New Haven, Conn.*	792 Chapel st.
Cornelius Porter Kitchel, B.A. Yale University 1897	*New York City*	27 High st.
Philip Henry Kunzig	*Philadelphia, Pa.*	1151 Chapel st.
Wilfred Clary Lane, B.L. Mercer University 1900	*Macon, Ga.*	122 Howe st.
Charles Thomas McClure	*New Haven, Conn.*	1057 Whalley av.
Boyd Freeze Maize	*Bloomsburg, Pa.*	1098 Chapel st.
John William Mariani, B.A. University of Naples 1892	*New Haven, Conn.*	114 Olive st.
George Olson Marvin	*Norfolk, Conn.*	63 W. D.
Albert Jones Merritt	*Bridgeport, Conn.*	Bridgeport
Orlando Harlow Myrick	*Indianapolis, Ind.*	31 Audubon st.
Benjamin Frank Nead	*Harrisburg, Pa.*	114 High st.
Joseph Houck Neece	*Williamsport, Pa.*	137 Dwight st.

Hibberd Richard Norman, B.A. Yale University 1899	*Shewville, Conn.*	1010 Chapel st.
Edwin Starr Pickett, B.A. Yale University 1899	*New Haven, Conn.*	140 Sylvan av.
William Thomas Rawlins	*Honolulu, H. I.*	64 High st.
Frederick Augustus Robertson	*New Haven, Conn.*	68 Mechanic st.
John Dunbar Rusher, B.A. Yale University 1898	*Brooklyn, N. Y.*	64 High st.
Frank William Sheehan, B.A. Yale University 1898, Attorney at Law.	*West Haven, Conn.*	West Haven
John Thomas Smith, B.A. Creighton University 1899	*New York City*	66 Putnam st.
Richard Prout Stapleton	*Holyoke, Mass.*	83 Elm st.
Harry Donaldson Thompson	*New Haven, Conn.*	157 Elm st.
Henry Hotchkiss Townshend, B.A. Yale University 1897	*New Haven, Conn.*	234 Church st.
Adam Stewart Ulrich, B.S. Lebanon Valley College 1897	*Annville, Pa.*	381 Crown st.
William Reid Wilson	*Cleveland, O.*	1151 Chapel st.

SENIOR CLASS, 52

MIDDLE CLASS

William Chilton Abercrombie, B.A. University of Texas 1897, Harvard University 1898	*Houston, Texas*	29 High st.
James Frank Adams, B.A. Yale University 1898	*New Haven, Conn.*	1 TR.
Charles Wilson Andrews, PH.B. Yale University 1899	*Litchfield, Conn.*	86 Wall st.
Alfred Austell, B.S. Penn. Mill. College 1895 PH.B. Yale University 1898	*Atlanta, Ga.*	117 Wall st.
Curtis Stowe Bacon	*Middletown, Conn.*	Middletown
Frederic Stanley Bacon, B.A. Trinity College 1899	*Middletown, Conn.*	Middletown
Charles Leslie Brooks	*New Haven, Conn.*	22 Ashmun st.
Edward Garfield Burke	*Deep River, Conn.*	1044 Chapel st.
Edward Thomas Canfield, B.A. Yale University 1899	*Thomaston, Conn.*	1179 Chapel st.
Lyman Ellsworth Carle	*Ashley, Pa.*	105 Broadway
Daniel Cronin	*New London, Conn.*	528 P.
William Henry Darrow	*Unionville, Conn.*	29 High st.
Osborne Atwater Day, PH.B. Yale University 1899	*New Haven, Conn.*	310 York st.

Reuben Gilbert Dayton	*Bridgeport, Conn.*	Bridgeport
Edwin Cole Dickenson	*Hartford, Conn.*	
Hurbert Loomis Dickerman	*Westville, Conn.*	Westville
Leonidas John Durbin, B.A. Yale University 1899	*Williamston, Pa.*	1151 Chapel st.
George Clifford Earley	*Corinth, N. Y.*	120 York st.
Avery Theodore Elmer	*Middletown, Conn.*	84 Wall st.
Joseph Isaac Flint	*Fairfield, Conn.*	Fairfield
Lucius Pomeroy Fuller, B.A. Yale University 1899	*Willimantic, Conn.*	598 P.
Thomas Gould Gaylord	*Louisville, Ky.*	1044 Chapel st.
Francis Angelo Gaynor	*Bridgeport, Conn.*	Bridgeport
Ambrose Gherini, B.A. Mt. Angel University 1899	*San Francisco, Cal.*	404 Crown st.
John Leo Gilson, B.A. Yale University 1899	*New Haven, Conn.*	571 P.
Charles Abbott Greene, B.A. Yale University 1899	*Fairport, N. Y.*	571 P.
George Walter Hardy	*New Haven, Conn.*	1423 Chapel st.
Arthur Garfield Harrison, B.A. Lincoln University 1899	*Asheville, N. C.*	20 Little Orange st.
Henry Hart	*New Haven, Conn.*	113 Wolcott st.
David Gilbert Hathaway, B.S. St. John's Episcopal College 1894	*Grand Rapids, Mich.*	8 Ashmun st.
Arthur Henderson	*Waterbury, Conn.*	1098 Chapel st.
Garfield R. Jones	*Evanston, Ill.*	270 Crown st.
Edward Henry Kelly	*New Britain, Conn.*	New Britain
Oscar Olaus Lamontagne, B.A. Laval University 1899	*Meriden, Conn.*	276 Orange st.
Charles Tressler Lark, B.A. Gettysburg College 1898, Yale University 1899	*Millersburg, Pa.*	527 P.
Augustine Lonergan	*Rockville, Conn.*	Bridgeport
William Bernard McCarthy	*Waterbury, Conn.*	133 Dwight st.
Lewis MacDougall	*Hornellsville, N. Y.*	83 Elm st.
John Francis McGrath	*Waterbury, Conn.*	297 George st.
Warner Marshall	*Girard, O.*	56 W. D.
Samuel Jacob Nathanson	*New Haven, Conn.*	33 York st.
Eugene Timothy O'Sullivan	*Naugatuck, Conn.*	83 Elm st.
Harold Cochrane Pinkerman	*Bridgeport, Conn.*	Bridgeport
Omar William Platt, B.A. Yale University 1899	*Milford, Conn.*	Milford
Edward Bernard Reiley	*Waterbury, Conn.*	297 George st.
Moses Walter Saxe	*New Haven, Conn.*	123 Lafayette st.
Maxwell Slade	*New Haven, Conn.*	120 York st.

James Mark Sullivan	*Waterbury, Conn.*	83 Elm st.
John Nils Swenson, B.A. Bethany College 1899	*Lindsborg, Kan.*	137 Dwight st.
Henry Bruce Teller, B.A. Yale University 1899	*Central City, Col.*	159 York st.
Frank William Tully	*Flushing, N. Y.*	1151 Chapel st.
Thomas Francis Turley	*New York City*	1151 Chapel st.
Eliot Watrous, B.A. Yale University 1899	*New Haven, Conn.*	86 Wall st.
Roger Sherman White, B.A. Yale University 1899	*New Haven, Conn.*	196 Lawrence st.
Frank Lester Wilder	*Bridgeport, Conn.*	Bridgeport

MIDDLE CLASS, 55

JUNIOR CLASS

Alexander Arnott, B.A. Trinity College 1900	*So. Manchester, Conn.*	19 Sylvan av.
Edgar Atkin, B.A. Yale University 1899	*New York City*	116 High st.
George Hiram Bartholomew, B.A. Yale University 1900	*New Haven, Conn.*	225 Sherman av.
Charles Elmer Beach	*Northford, Conn.*	427 Temple st.
Harry Judson Beardsley, B.A. Yale University 1900	*New Haven, Conn.*	41 Howe st.
Nathan Belcher	*New London, Conn.*	1151 Chapel st.
George Thomas Bickley	*Orangeburg, Pa.*	74 Lake Place
Robert Studebaker Binkerd	*Brooklyn, N. Y.*	24 Kent Hall
Henry Jacob Block	*New York City*	96 Washington av.
Howard Jasper Bloomer	*So. Norwalk, Conn.*	83 Elm st.
Morgan Bulkeley Brainard, B.A. Yale University 1900	*Hartford, Conn.*	105 College st.
Leslie Leroy Brewer	*E. Hartford, Conn.*	133 Dwight st.
Clarence Whittlesey Bronson, B.A. Yale University 1900	*New Haven, Conn.*	1233 Chapel st.
John Brinton Buckwalter	*West Chester, Pa.*	251 Crown st.
Louis Price Burton	*New Haven, Conn.*	530 Elm st.
Samuel Granger Camp	*Canaan, Conn.*	63 W. D.
Jacob Caplan	*New Haven, Conn.*	149 Congress av.
Franklin Carter, Jr., B.A. Yale University 1900	*Williamstown, Mass.*	84 Wall st.
Edward Frederick Corrigan,	*Willimantic, Conn.*	427 Temple st.
George William Crawford, B.A. Talladega College 1900	*Birmingham, Ala.*	35 Foote st.
Martin Joseph Cunningham	*Danbury, Conn.*	103 Park st.

Salvator D'Esopo	*Hartford, Conn.*	135 Howe st.
Charles Henry DeForest	*Rockville, Conn.*	149 College st.
Stanley Wells Edwards, B.A. Yale University 1900	*Granby, Conn.*	120 High st.
Edward Clarence Ellsbree, B.A. Yale University 1900	*Meriden, Conn.*	Meriden
Sigisimma Engelking, B.A. Yale University 1900	*Peters, Texas*	299 York st.
William Jared Ferris,	*Greenwich, Conn.*	49 E. D.
William Douglas Fitch	*Norwich, Conn.*	64 High st.
Franclin Francolini, B.A. Nat'l College in Maddaloni 1895	*Carleto Perticara, Italy*	541 Chapel st.
Joseph Jefferson Goldsmith	*Carnegie, Pa.*	74 Minor st.
Burnett Goodwin, PH.B. Yale University 1899	*New York City*	1044 Chapel st.
Millard Carl Griffin	*E. Granby, Conn.*	49 E. D.
Archie Logan Hamilton	*Lexington, Ky.*	89 Park st.
Abner Pierce Hayes, B.A. Yale University 1898	*Bethlehem, Conn.*	117 Park st.
George Stanley Hendel	*Reading, Pa.*	1151 Chapel st.
Eugene Ferdinand Kernan, B.A. Rock Hill College 1900	*Baltimore, Md.*	26 Kent Place
Francis Martin Langlois	*Milford, Conn.*	Milford
Joseph Ernest Lauber	*New Haven, Conn.*	112 St. John st.
Emerson Rossel Lewis	*Plantsville, Conn.*	149 College st.
John Jacob Linxweiler	*So. Norwalk, Conn.*	So. Norwalk
Charles Davenport Lockwood, PH.B. Yale University 1900	*Stamford, Conn.*	143 St. John st.
Henry Otto Lowe	*Reading, Pa.*	1151 Chapel st.
Jacob Sigmund Luscher	*Frankfort, Ky.*	56 Whalley av.
Henry Patrick Lyons	*Bridgeport, Conn.*	Bridgeport
Joseph Henry Macdonald	*Ansonia, Conn.*	Ansonia
John Henry McMahon	*Bridgeport, Conn.*	7 Library Bldg.
John Frank Malley	*Springfield, Mass.*	130 Wall st.
Benjamin Jacob Marcus	*Waterbury, Conn.*	279 Crown st.
John Henry Mathews	*Worcester, Mass.*	36 Kent Hall
James Bowman Mercer	*Reading, Pa.*	1151 Chapel st.
Daniel Thomas Meyer, M.A. Lebanon Valley College 1896	*Annville, Pa.*	381 Crown st.
Israel Nelson, B.A. Bethany College 1899	*Lindsborg, Kans.*	59 Prospect st.
Mason Harder Newell, B.A. University of Illinois 1899	*Springfield, Ill.*	39 Lynwood st.
Thomas Davidson Newmyer, B.A. Yale University 1900	*Cornellsville, Pa.*	64 High st.
William Avery Niles	*New Haven, Conn.*	374 Lenox av.

John Harold Olson, B.A. Bethany College 1898	*Monitor, Kans.*	159 Elm st.
James Stevens O'Rourke	*Bridgeport, Conn.*	Bridgeport
Henry Joseph Patton	*Curwensville, Pa.*	1151 Chapel st.
James Anderson Peasley	*Waterbury, Conn.*	91 Clark st.
Henry Haven Pettis	*Norwich, Conn.*	22 Whalley av.
William Brittin Pleadwell	*Bridgeport, Conn.*	516 Howard av.
Orrell Cook Price	*Jamestown, N. Y.*	67 Howe st.
Charles Reider	*Glen Rock, Pa.*	299 York st.
Vivian Hall Root	*Bridgeport, Conn.*	Bridgeport
Sidney Clarence Rosenberg, B.A. Yale University 1900	*New Haven, Conn.*	736 Orange st.
William Charles Rungee	*New Haven, Conn.*	5½ Redfield st.
Gustave Reinhardt Sattig	*New Haven, Conn.*	107 Howe st.
Louis Scoppa	*New Haven, Conn.*	150 Wallace st.
Charles Hillisory Shapiro	*Bridgeport, Conn.*	Bridgeport
Leopoldo de Solo y Bobadilla	*Havana*	364 George st.
John Starin Spraker	*New York City*	110 Wall st.
Edward Joseph Stanford	*New Haven, Conn.*	45 Clark st.
Louis Henry Strouse, PH.B. Yale University 1900	*New Haven, Conn.*	143 St. John st.
Sidney Goodwin Stubbs	*Savannah, Ga.*	119 Wall st.
Jesse Nathaniel Sulzberger	*New York City*	1151 Chapel st.
Augustus Barnes Tabb, B.A. Lincoln University 1900	*Newport, R. I.*	40 Lake pl.
James Harriett Temple, Jr.	*New York City*	1151 Chapel st.
George Western Thompson	*Parkersburg, W. Va.*	1151 Chapel st.
Hervey Rumford Thompson, B.A. Trinity College 1887	*Bellows Falls, Vt.*	74 Lake Place
Joseph Oliver Tobin, B.A. Fordham College 1899	*Burlington, Colo.*	1151 Chapel st.
Philip Troup, PH.B. Yale University 1900	*New Haven, Conn.*	545 Orange st.
James Alonzo Turner	*Bridgeport, Conn.*	Bridgeport
Clarence Sidney Verrill	*New Haven, Conn.*	86 Whalley av.
Eben Paterson Watson	*Buffalo, N. Y.*	1151 Chapel st.
Charles Ellingham Weeks, B.A. Yale University 1900	*Bridgeport, Conn.*	Bridgeport
Harold Elkhardt Wiley	*Chicago, Ill.*	250 York st.
William Morgan Williams	*Wilkes-Barré, Pa.*	

JUNIOR CLASS, 87

SPECIAL STUDENTS

Cassius M. Clay Gentry, B.S. Wabash 1894	*Aroma, Ind.*	36 College st.
Frank McNierney	*New York City*	1076 Chapel st.
Harry Moul	*York, Pa.*	1151 Chapel st.
Herbert Rinard von Dorster	*Catawissa, Pa.*	1044 Chapel st.
Clarence Seymour Wadsworth, A.B. Harvard 1896	*Middletown, Conn.*	Middletown
Frederick August Wenck	*New York City*	1044 Chapel st.
Wilmot Fitch Wheeler	*Bridgeport, Conn.*	119 Wall st.

SPECIAL STUDENTS, 7

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SUMMARY OF STUDENTS
BY DEPARTMENTS

Department of Philosophy and the Arts:		
Graduate School	304	
Yale College	1190	
Sheffield Scientific School	610	
Art School	75	
Department of Music	126	
Forest School	7	
		2312
Yale Divinity School		89
Yale Medical School		133
Yale Law School		213
		2747
Deduct for names inserted twice		205
Total		2542

SUMMARY OF STUDENTS

BY STATES

Alabama	2	Mississippi	1
Arizona Territory	1	Missouri	62
Arkansas	2	Nebraska	6
California	18	New Hampshire	8
Colorado	17	New Jersey	95
Connecticut	924	New York	527
Delaware	5	North Carolina	5
District of Columbia	24	North Dakota	1
Florida	6	Ohio	91
Georgia	10	Oregon	7
Hawaiian Islands	9	Pennsylvania	174
Idaho	2	Rhode Island	31
Illinois	108	South Carolina	3
Indiana	20	South Dakota	1
Indian Territory	1	Tennessee	14
Iowa	15	Texas	6
Kansas	19	Utah	3
Kentucky	27	Vermont	15
Louisiana	4	Virginia	8
Maine	20	Washington	4
Maryland	18	West Virginia	7
Massachusetts	126	Wisconsin	15
Michigan	17	Wyoming	2
Minnesota	20		

Asia Minor	1	Greece	1
Canada	8	Italy	2
Cuba	1	Japan	17
France	1	Mexico	1
Germany	2	Nova Scotia	1
Great Britain	2	Turkey	4

DIRECTORY

The name of every officer is printed in italics, and is followed by a reference to the page on which the name occurs in Part I of this Catalogue. When more than one page is mentioned the reference is to the page or pages on which the courses given by the officer are described.

The following abbreviations are used:

A., Absent on leave; B., Berkeley Hall; B. L., Sheffield Biological Laboratory; D., Durfee Hall; E. D., East Divinity Hall; F., Farnam Hall; GYMN., Gymnasium; L., Lawrance Hall; LYC., Lyceum; M., Peabody Museum; N., North College; N. S. H., North Sheffield Hall; O., Osborn Hall; P., Pierson Hall; S. H., Sheffield Hall; S. L., Sheffield Chemical Laboratory; S. M., South Middle College; TR., Treasury Building; V., Vanderbilt Hall; W., Welch Hall; W. D., West Divinity Hall; WH., White Hall; WINCH., Winchester Hall.

The names of students are followed by the designations of their several classes (Grad., Graduate; Sr., Senior; Md., Middle; Jr., Junior; 2, Second Year; 1, First Year; So., Sophomore; Fr., Freshman; Spec., Special); the names of students have appended also an indication of the Department to which each belongs, viz.; *a*, Academical Department; *d*, Divinity School; *f*, School of the Fine Arts; *for.*, Forest School; *g*, Graduate School; *l*, Law School; *m*, Medical School; *mus.*, Department of Music; *s*, Sheffield Scientific School.

Abbe, E. F., *g* 1193 Chapel st.
Abbey, S. H., Jr. *a* 242 L.
Abbott, F., Jr. *a* 318 W.
Abbott, G., Jr. *a* 54 V.
Abbott, M. W., *g* 11 College st.
Abel, G. F., *g*. Grad. *d* 2 E. D.
Abercrombie, W. C., Mid. *l* 29 High st.
Ackley, J. D., Fr. *a* 299 York st.
Ackley, O. S., Jr., Jr. *a* 253 L.
Adams, C. E., Fr. *a* 584 P.
Adams, C. H., Jr. *a* 234 D.
Adams, E., Jr. *a* 291 W.
Adams, E. B., Sr. *a* 89 S. M.
Adams, F. B., Sr. *a* 61 Wolcott st.
Adams, F. M., Jr. *s* 483 Orange st.
Adams, G. B., Prof. (pp. 18, 85, 232) 57 Edgehill road
Adams, G. W., Fr. *a* 242 York st.
Adams, H. E., Jr. *m* 120 York st.
Adams, J. C., Instr. (p. 23) 399 B.
Adams, J. F., Ass't. Librarian (p. 21) 1 TR.
Adams, T. D., Jr. *s* Westport
Adams, T. S., Sr. *s* 133 College st.
Adamson, C. E., Res. Lic. *d* 75 W. D.
Akerman, A., *g*, *for.* 55 Prospect st.
Albin, G. W., Jr. *a* 253 L.
Alden, C. S., *g* 399 Elm st.
Aldrich, C. R., So. *a* 391 B.
Alexander, C. F., Fr. *s* 407 Temple st.
Allen, A. D., Sr. *a* 29 V.
Allen, A. W., Fr. *a* 9 Library st.
Allen, C. W., Sr. *a* 29 V.
Allen, H. F., Sr. *s* 133 College st.
Allen, H. S., 1 *m* 111 Edgewood av.
Allen, J. R., Sr. *a* 73 S. M.
Allen, W. B., Sr. *a* 356 WH.
Allerton, R. W., Jr. *s* 77 Wall st.
Alling, A. N., Instr. (p. 25) 199 York st.
Alling, P. W., Sr. *s* 126 High st.
Allison, W. T., Sr. *d* 26 E. D.
Alsop, F. J. O., So. *a* 22 College st.
Alsop, J. deK., Jr. *a* 5 V.

Amerman, G. L., Registrar (p. 26) (1 S. H.) 339 Humphrey st.
Ames, B. F., Sr. *a* 1010 Chapel st.
Andel, C. E., Jr. *a* 364 WH.
Anderson, Mrs. (p. 414) Infirmary
Anderson, C. M., Fr. *a* 536 P.
Anderson, G. W., Fr. *a* 293 York st.
Anderson, I. L., Sr. *a* 72 S. M.
Anderson, J., Fellow Waterbury
Anderson, J. P., Fr. *s* Clinton
Anderson, R. B., *g* A.
Anderson, W. G., Instr. (pp. 25, 126, 289) (GYMN.) 120 College st.
Andreen, G. A., Instr. (pp. 20, 97, 260) 101 Dwight st.
Andrew, I. A., Fr. *s* Orange
Andrews, C. T., So. *a* 174 F.
Andrews, C. W., Mid. *l* 86 Wall st.
Andrews, H. C., Ass't. (p. 30) 1044 Chapel st.
Andrews, J. W., *mus.* Southington
Andrews, T., So. *a* 88 S. M.
Angus, A. C., Sr. *a* Dwight Hall
Archbald H., So. *a* 264 L.
Arlt, F. W., Sr. *a* 1010 Chapel st.
Armstrong, E., *f* 208 Canner st.
Armstrong, G. E., Jr., Sr. *s* 22 College st.
Armstrong, J. P. T., Fr. *a* 537 P.
Armstrong, J. W., Jr. *s* 111 Grove st.
Armstrong, M. K., Sr. *s* 131 Grove st.
Armstrong, R. W., Jr. *a* 51 V.
Arnold, A. B., Jr. *a* 157 F.
Arnold, B., Jr., Fr. *s* 122 Wall st.
Arnold, E. H., Instr. (p. 27) 46 York sq.
Arnold, G. S., So. *a* 24 Dwight st.
Arnold, H. S., 2 *m* 36 Dwight st.
Arnold, Lemuel H., Jr., Fr. *a* 250 York st.
Arnold, Louis H., Fr. *a* 531 P.
Arnold, S. N., So. *a* 215 D.
Arnott, A., Jr. *l* 19 Sylvan av.
Arnstein, W., Jr. *s* 110 Wall st.
Arterburn, W. N., Fr. *a* 1151 Chapel st.
Arvine, E. K., Fr. *s* 1169 Chapel st.
Arvine, W. B., So. *a* 1169 Chapel st.
Asakawa, K. I., *g* 105 Park st.
Asher, C., *mus.* 23 Grove st.
Atchison, F. C., 1 *m* 312 George st.
Atkin, E., Jr. *l* 116 High st.
Atkinson, R. L., Sr. *a* 342 WH.
Atwater, J. H., *f* 345 Whitney av.
Atwater, M., So. *a* 79 S. M.
Atwill, D. H., So. *a* 74 S. M.
Aubrey, A. B., Sr. *l* Meriden
Auchincloss, C. C., So. *a* 22 College st.
Auchincloss, C. R., So. *a* 22 College st.
Auchincloss, H., Sr. *a* 342 WH.
Austell, A., Mid. *l* 117 Wall st.
Austin, A. S., *mus.* 2 University pl.
Avery, J. W., *g* 23 Brown st.
Ayer, W. T., Fr. *s* 90 Whalley av.
Ayres, R. W., Fr. *s* 397 Temple st.
Babbitt, S. C., *f* Meriden
Babcock, C. W., Fr. *s* 395 Temple st.
Babcock, G. W., Jr. *a* 41 V.
Babcock, H. H., Sr. *a* 303 W.
Bacon, A. W., Fr. *s* 407 Temple st.
Bacon, B. W., Prof. (pp. 20, 242, 327) (10 E. D.) 142 Edwards st.
Bacon, C. S., Mid. *l* Middletown
Bacon, E. F., So. *a* 132 Howe st.
Bacon, F., Lecturer (p. 23) 32 High st.
Bacon, F. S., Mid. *l* Middletown
Bacon, L. W., Instr. (p. 25) 294 Elm st.
Baer, C. S., Jr. *a* 398 B.
Bailey, E. M., Jr., Jr. *s* 114 High st.
Bailey, J. H., 2 *m* 255 Columbus av.
Bailey, M., Instr. (p. 23) (150 F.) 442 Temple st.
Bailey, W., Jr. *s* 96 Wall st.
Bailey, W. B., Instr. (pp. 23, 82, 230) 22 Lynwood st.
Baker, E. M., Fr. *s* 389 Temple st.
Baker, G. M., *g* 114 High st.
Baker, T., So. *a* 22 College st.
Baldwin, C. F., *mus.* Milford
Baldwin, C. S., Ass't. Prof. (pp. 21, 98) (15 WH.) 57 Wall st.
Baldwin, E. H., *g* 150 Grove st.
Baldwin, F. C., Fr. *a* 1076 Chapel st.
Baldwin, S. E., Prof. (pp. 16, 84) (69 Church st.) 44 Wall st.
Baldwin, S. W., Fr. *a* 47 Lake pl.
Ballou, F., Jr., Sr. *s* 96 Wall st.
Bancroft, C. K., Tutor (p. 21) 213 D.
Bancroft, P., Jr. *a* 110 N.
Barber, W. L., Jr., So. *a* 422 B.
Barbour, A. L., *g* 70 Whalley av.
Barbour, H. J., Fr. *a* 128 High st.
Barbour, P. E., So. *a* 422 B.

Barker, W. T., So. *a* 273 L.
Barnard, A. F., Fr. *s* 397 Temple st.
Barnard, W. K., Sr. *s* 88 Wall st.
Barnes, B., Ass't. (p. 28) 1442 Chapel st.
Barnes, C. A., Fr. *a* 226 York st.
Barnes, C. D., Jr. *a* . 46 V.
Barnes, E. M., Fr. *s* 411 Temple st.
Barnes, Harry A., Jr. *d* 39 E. D.
Barnes, Henry A., Engineer (p. 32) (Basement Farnam) 80 Admiral st.
Barnet, G. G., Fr. *a* 543 P.
Barnett, F. B., Jr. *a* 120 N.
Barnett, J. F., *g* A.
Barnett, W. L., Sr. *l* 27 College st.
Barney, S. E., Ass't. Prof. (pp. 19, 286) 346 Whitney av.
Barnum, T. R., Ass't. (p. 31) (4 Phelps) 344 Humphrey st.
Barnwell, A., Jr., Jr. *s* 131 Grove st.
Barry, T. F., Fr. *a* 226 Washington av.
Bartholomew, G. H., Jr. *l* 225 Sherman av.
Bartlett, C. J., Ass't. Prof. (p. 22) 705 Elm st.
Bartlett, H. H., Fr. *s* 117 Wall st.
Bartlett, S. C., Fr. *a* 250 York st.
Bascom, C. E., Spec. *s* 111 Grove st.
Bassett, R. E., Sr. *s* Shelton
Bassett, S. E., *g* Athens, Greece
Bates, H. I., Fr. *s* 213 York st.
Bates, L. W., Jr., Jr. *s* 110 Wall st.
Bauer, E. T., *g* 255 Sherman av.
Bayles, J. M., Fr. *s* 109 Edwards st.
Bayne, J., Sr. *s* 1 Hillhouse av.
Bayrd, J. E., Spec. *s* 133 College st.
Baxter, C. H., Jr. *a* 11 V.
Baylor, R. V., Jr. *a* 233 D.
Beach, C. E., Jr. *l* 427 Temple st.
Beach, F. E., Ass't. Prof. (p. 20) 44 Lyon st.
Beach, W. DeV., Instr. (p. 29) 631 Elm st.
Bean, W. H., 2 *m* 40 Pleasant st.
Beard, A. F., Fellow Norwalk
Beard, W. G., Sr. *l* 314 Crown st.
Beardsley, A. P., Ass't. (p. 30) Derby
Beardsley, F. B., Fr. *s* 41 Howe st.
Beardsley, G., So. *a* 415 B.
Beardsley, H. J., Jr. *l* 41 Howe st.
Beardsley, T. H., Fr. *a* 238 York st.
Beck, F. G., 2 *m* 122 Howe st.
Becker, A. C., So. *a* 250 Crown st.
Beckwith, L. B., Jr. *a* 325 W.
Beebe, G. E., Fr. *a* 217 York st.
Beebe, K., Jr. *a* 259 L.
Beebe, S. P., *g* 106 Mansfield st.
Beebe, W., Prof. (pp. 18, 121, 281) 262 Bradley st.
Beecher, C. E., Prof. (pp. 19, 268) (9 M.) 610 Orange st.
Beecher, L. M., *mus.* Bethany
Beehler, W. H., Sr. *s* West Haven
Beers, E. L., *mus.* Bridgeport
Beers, F., Jr. *a* 262 L.
Beers, G. E., Ass't. Prof. (p. 20) (15 Law School) 31 Lake pl.
Beers, G. M., Clerk (p. 32) (3 S. H.) 130 Cottage st.
Beers, H. A., Prof. (pp. 17, 99, 262) (171 F.) 25 Vernon st.
Beggs, G. H., *g* 135 Howe st.
Belcher, N., Jr. *l* 1151 Chapel st.
Belden, A. G., Spec. *s* 186 Sherman av.
Belin, F. L., Sr. *s* 131 Grove st.
Bell, A. J., Fr. *a* 7 Library st.
Beltz, F., Jr., Sr. *a* 376 WH.
Bendell, J. L., So. *a* 159 F.
Benedict, M. K., *g* 70 Howe st.
Benedict, R. C., Fr. *a* 78 S. M.
Benham, H. E., Fr. *s* 142 Greene st.
Benjamin, S. H., Fr. *s* 110 Wall st.
Benner, E. H., Sr. *s* 90 Wall st.
Bennethum, C. G., So. *a* 206 D.
Bennett, C. E. A., Spec. *s* 332 York st.
Bennett, E. W., *f* 357 Elm st.
Bennett, T. G., Fellow New Haven
Benton, J. H., So. *a* 228 D.
Berg, U. M., Grad. *l* 55 Prospect st.
Bergen, M. H., So. *a* 1098 Chapel st.
Berman, L. C., So. *a* 265 L.
Berry, H. R., Registrar (p. 32) 43 College st.
Betts, J. M., So. *a* 123 W. D.
Bevins, W. LeG., Grad. *l* Meriden
Beyer, C. E., Fr. *a* N. H. Hospital
Bickley, G. T., Jr. *l* 74 Lake pl.
Bicknell, J., Mid. *d* 80 W. D.
Bierkan, A. T., Instr. (p. 28) 42 Church st.
Bigelow, O. M., Jr., Fr. *a* 77 S. M.
Bigelow, W. D., Mid. *d* 97 W. D.
Bill, A. H., So. *a* 216 D.

Bindley, W. A., Sr. *s* 82 Wall st.
Bingham, S. D., Jr., Fr. *a* 47 Lake pl.
Binkerd, R. S., Jr. *l* 333 York st.
Birge, E. B., *mus.* 8 Prospect pl.
Bishop, C. T., Fr. *s* 357 Orange st.
Bishop, F. C., Ass't. (p. 26) 1223 Chapel st.
Bishop, L. B., Instr. (p. 25) 77 Whitney av.
Bishop, W. H., Instr. (pp. 24, 258) 68 High st.
Bissell, A. D., Instr. 38 Pearl st.
Bissell, R., Jr. *a* 381 WH.
Bissell, S., Mid. *d* 78 W. D.
Bixler, J. W., *g*, Res. Lic. *d* New London
Black, J. E., Fr. *s* Bridgeport
Black, R. L., So. *a* 208 D.
Blackman, W. F., Prof. (pp. 19, 229, 334) (7 E. D.) 253 St. Ronan st.
Blagden, A. S., Sr. *s* 133 College st.
Blagden, T., Jr., Fr. *s* 387 Temple st.
Blaisdell, A. G., So. *a* 314 Crown st.
Blakeslee, W. C., Sr. *d* 18 E. D.
Blanchard, F. Q., Sr. *d* 55 W. D.
Blatchley, C. E., *mus.* 219 Blatchley av.
Blatchley, W. J., Fr. *s* 219 Blatchley av.
Block, H. J., Jr. *l* 96 Washington av.
Blomfield, S. F., *g*, Grad. *d* Stony Creek
Blood, C. F., Jr., Jr. *s* 131 High st.
Bloomer, H. J., Jr. *l* 83 Elm st.
Bloomer, J. R., Fr. *a* 313 York st.
Blossom, D. S., Sr. *a* 29 V.
Blount, F. M., Fr. *a* 203 York st.
Blount, N., Jr. *s* 82 Wall st.
Blount, W. A., Jr., So. *a* 22 College st.
Blythe, J. J., *g* Bridgeport
Boardman, D., Jr. *a* 306 W.
Boardman, F. C., Instr. (p. 29) 251 Crown st.
Boder, L. F., Jr. *a* 35 V.
Boeing, W. E., Fr. *s* 395 Temple st.
Bogart, J. D., Sr. *a* 125 N.
Boggs, W. DeW., Fr. *a* 130 Wall st.
Bogue, R., So. *a* 224 D.
Boies, D., Fr. *a* 1076 Chapel st.
Bolles, G. E., 1 *m* 130 St. John st.
Bollinger, H., *g* New Haven House
Bollman, C. F., Sr. *l* 40 Sylvan av.
Bond, R. E., So. *a* 279 L.
Bonnell, H. W., Fr. *s* 405 Temple st.
Bonner, F. D., Sr. *a* 37 Eaton st.
Bonnie, S. W., Fr. *a* 250 York st.
Bookwalter, A. G., *g* 1044 Chapel st.
Booth, M. DeW., Fr. *a* 80 Dwight st.
Bostwick, C. R., Fr. *s* 139 Lawrence st.
Bostwick, T. A., Ass't. (p. 31) (9 M.) 335 Prospect st.
Bosworth, M. D., *mus.* Milford
Boulton, W. B., Jr., Fr. *a* 203 York st.
Bourn, W. G., Jr. *a* 254 L.
Bourne, E. G., Prof. (pp. 20, 88, 233) 73 Mansfield st.
Bowers, E. C., So. *a* 237 D.
Bowers, K. S., *f* 209 Crown st.
Boyce, J. L., Sr. *a* 59 V.
Bracher, V. K., Fr. *s* 393 Temple st.
Brackett, E. S., Jr. *m* 333 York st.
Bradley, B. K., *f* 212 York st.
Bradley, M. D., *f* 1346 Chapel st.
Bradley, M. J., *mus.* 186 Grand av.
Bradley, W. M., Ass't. (p. 29) 1346 Chapel st.
Bradshaw, M. R., *g* 105 Dwight st.
Bradstreet, E. D., Sr. *a* 220 D.
Brady, C. A., So. *a* 16 Park st.
Brady, J. C., Fr. *a* 238 York st.
Bragaw, A. C., So. *a* 134 F.
Bragg, R. W., Sr. *s* 88 Wall st.
Brainard, E. W., Spec. *s* 143 College st.
Brainard, I. E., Jr. *m* 1151 Chapel st.
Brainard, J. J., Fr. *s* 131 Grove st.
Brainard, M. B., Jr. *l* 105 College st.
Brainard, N. C., Jr. *a* 66 V.
Brainard, W. W., Fr. *a* 539 P.
Brann, M. A., *g* 74 Lake pl.
Brastow, L. O., Prof. (pp. 16, 336) (5 E. D.) 146 Cottage st.
Braun, J., Jr. *a* 211 State st.
Breinig, D. E., Sr. *s* 88 Wall st.
Breinig, F. M., Fr. *s* 397 Temple st.
Brereton, A. La B., *f* 40 Lake pl.
Brereton, S. M., So. *a* 40 Lake pl.
Brett, A., *mus.* 195 James st.
Brewer, D. J., Lecturer (p. 23) Washington, D. C.
Brewer, H. F., *g* 56 Grove st.
Brewer, L. L., Jr. *l* 133 Dwight st.

Brewer, W. H., Prof. (pp. 15, 231, 278, 314) (4 S. H.) 418 Orange st.
Brewster, C. L., *f* Derby
Brewster, J. H., Jr., Fr. *a* 538 P.
Bridgman, T., Fr. *a* 564 P.
Brigham, G. S., Sr. *s* 1151 Chapel st.
Brinkman, R. P., So. *a* 202 D.
Brinley, C. E., Sr. *s* 82 Wall st.
Brinsmade, C. A., *mus.* Derby
Brinton, B. W., Fr. *s* 391 Temple st.
Bristol, A. L., Clerk (p. 32) (5 TR.) 191 Exchange st.
Bristol, H. S., Jr. *s* 149 College st.
Bristol, R., So. *a* 169 F.
Britan, H. H., *g* 29 High st.
Britton, W. E., *g* 1317 Boulevard
Brixey, R. DeW., Jr. *s* 96 Wall st.
Brixey, R. W., Fr. *s* 152 Grove st.
Bronson, C. W., *g* 1233 Chapel st.
Bronson, E. S., *g* 58 Dwight st.
Bronson, L. H., Sr. *a* 89 S. M.
Brooks, C. L., Mid. *l* 22 Ashmun st.
Brooks, E., Sr. *s* 96 Wall st.
Brooks, J. A., Ass't. (p. 29) Derby
Brophy, E. J., 1 *m* 38 Shelter st.
Brougham, H. B., Jr. *a* 66 W. D.
Brown, A., *mus.* 242 York st.
Brown, A. T., Jr. *s* Fairfield
Brown, C. C., Fr. *s* 258 Franklin st.
Brown, E. D., Sr. *a* 201 D.
Brown, E. H., Sr. *a* 23 V.
Brown, Earle W., Jr. *s* 220 Lawrence st.
Brown, Ernest W., Sr. *s* 271 Lloyd st.
Brown, F., Jr., Fr. *a* 238 York st.
Brown, F. G., Jr., Sr. *a* 341 WH.
Brown, H. M., Sr. *a* 220 D.
Brown, I. VanD., Jr. *a* 123 N.
Brown, J., Jr. *a* 147 College st.
Brown, L. D., *g* 73 Lake pl.
Brown, L. P., Sr. *a* 116 Howe st.
Brown, N. H., Jr. *s* 111 Grove st.
Brown, R., Sec'y. (p. 15) Observatory pl.
Brown, T. M. H., So. *a* 1081 Chapel st.
Brown, W. A., *g* New York
Brownback, G. A., Fr. *a* 575 P.
Browning, P. E., Ass't. Prof. (pp. 21, 115, 273) (Kent Lab.) 102 Wall st.
Brubacher, A. R., Instr. (p. 29) 20 Carmel st.
Bruff, A. J., Jr. *s* 17 Hillhouse av.
Bruno, F. J., Mid. *d* 73 W. D.
Brush, G., Jr. *a* 334 WH.
Brush, G. J., Prof. (p. 15) 14 Trumbull st.
Bryant, C. H., Fr. *s* 124½ Park st.
Bryant, D. L., Fr. *s* West Haven
Buchanan, J. H., Sr. *l* 103 Park st.
Buck, C. H., Fr. *a* 120 High st.
Buck, W., *g* A.
Buckingham, C. B., Sr. *a* 370 WH.
Buckingham, C. L., Fr. *s* Milford
Buckman, E., 1 *m* 59 Lake pl.
Buckwalter, J. B., Jr. *l* 251 Crown st.
Budd, F. F., 2 *m* Meriden
Buell, S. H., Jr. *d* 96 W. D.
Buffum, H. A., Fr. *s* 411 Temple st.
Buhrman, A., Sr. *s* 113 Wall st.
Bull, I. C., Sr. *s* 126 High st.
Bumstead, H. A., Ass't. Prof. (p. 22) (118 WINCH.) 45 Edgehill road
Bumstead, R. W., So. *a* 88 S. M.
Bunn, D. C., Fr. *a* 170 York st.
Bunn, S. A., Fr. *s* 393 Temple st.
Bunnell, F. S., *g* 312 Elm st.
Burbank, H. E., 2 *m* 34 Hillhouse av.
Burdett, R. H., So. *a* 250 Crown st.
Burdick, J. W., Jr. *a* 34 V.
Burdick, W. N., Fr. *a* 1074 Chapel st.
Burgess, F. M., *g* 226 Whalley av.
Burgess, H. F., Fr. *a* 20 Brown st.
Burke, E. G., Mid. *l* 1044 Chapel st.
Burlingame, E. W., *g* A.
Burlingham, L. H., Jr. *a* 251 L.
Burnham, C. L., Sr. *l* 333 York st.
Burnham, F., Jr. *a* 372 WH.
Burnham, F. K., Fr. *a* 250 York st.
Burnham, R., Fr. *s* 421 Temple st.
Burns, B. F., Fr. *a* 86 S. M.
Burr, J. M., *f* Monroe
Burr, N. A., Sr. *m* 105 Park st.
Burrall, J. B., Jr. *a* 63 V.
Burrows, W. E., 1 *m* 86 Broadway
Burton, C., Fr. *s* 389 Temple st.
Burton, L. L., *f* Whitneyville
Burton, L. R., Jr. *l* 530 Elm st.
Bush, C. E., Ass't. (p. 31) (1 S. H.) 133 Howe st.
Bush, K. J., Ass't. (p. 31) 133 Howe st.
Bush, L. P., Ass't. (p. 31) (8 M.) 133 Howe st.
Bushnell, L. T., Jr. *a* 129 F.

Bushong, R. G., So. *a* 163 F.
Butler, G. H., Cashier (p. 32) (1 Phelps) 136 Dwight st.
Butler, G. M., Grad. *d* Berlin, Germany
Butler, L. K., Sr. *a* 1 V.
Butts, G. W., Jr., Jr. *s* 111 Grove st.
Butts, O. G., Jr. *s* 96 Wall st.
Byers, E. McB., Sr. *a* 331 WH.
Byers, J. F., Fr. *a* 254 York st.
Cahn, M. D., Sr. *a* 18 V.
Calhoun, C. S., Sr. *d* 46 E. D.
Calhoun, N. M., Fellow Winsted
Callahan, F., Fr. *a* 155 F.
Callender, J. A., Jr. *a* 288 W.
Calmer, E., So. *a* 274 L.
Cameron, A., Jr., Sr. *a* 289 W.
Camp, R. H., Fr. *a* 7 Library st.
Camp, S. G., Jr. *l* 63 W. D.
Campbell, F. W., Jr. *a* 100 Whalley av.
Campbell, J. I., *g* Wallingford
Campbell, J. N. H., So. *a* 396 B.
Campbell, J. T., *g* Wallingford
Campbell, N. S., Fr. *a* 1076 Chapel st.
Campbell, R. W., Jr. *s* 17 Hillhouse av.
Canada, W. J., Jr. *s* 710 Chapel st.
Canby, H. S., Ass't. (p. 30) 86 Wall st.
Canfield, E. T., Mid. *l* 1179 Chapel st.
Cannon, G. S., Jr. *s* 96 Wall st.
Caplan, J., Jr. *l* 149 Congress av.
Cardus, A. L., *g* 71 W. D.
Carey, C. D., Jr. *s* 17 Hillhouse av.
Carle, L. E., Mid. *l* 105 Broadway
Carleton, H., Sr. *a* 12 V.
Carlisle, J. M., Sr. *a* 335 WH.
Carmalt, W. H., Prof. (p. 16) 87 Elm st.
Carnahan, L. R., Priv. Sec'y. (p. 32) (4 Phelps) 335 Orange st.
Carnell, F. J., Ass't. (p. 30) 58 N. S. H.
Carpenter, G. B., Jr. *a* 337 WH.
Carpenter, G. W., Fr. *s* 395 Temple st.
Carson, T. C., Sr. *a* 373 WH.
Carter, F., Jr., Jr. *l* 84 Wall st.
Carter, L., Jr., Fr. *s* 409 Temple st.
Carter, L. B., Sr. *a* 30 V.
Carter, L. R., Jr., So. *a* 65 W. D.
Cartwright, O. G., *g* 119 Wall st.
Carver, A. H., Sr. *a* 12 V.
Cashen, M., *f* Meriden
Caskey, L. D., Sr. *a* 295 W.
Catlin, G. L., Sr. *a* 367 WH.
Cederberg, W. E., Jr. *s* 59 Prospect st.
Chace, E. G., Fr. *a* 1044 Chapel st.
Chadwick, G. B., So. *a* 22 College st.
Chadwick, G. I., Fr. *a* 47 Lake pl.
Chamberlain, Aims R., Sr. *a* 221 D.
Chamberlain, Albert R., Sr. *l* Meriden
Chamberlain, W. L., Jr. *a* 414 B.
Chamberlin, H. B., Jr. *a* 101 N.
Chamberlin, J. B., Sr. *a* 104 N.
Chamberlin, R. M., Sr. *s* 4 Mansfield st.
Chandler, R. E., Fr. *a* 111 N.
Chandler, R. W., Sr. *a* 13 V.
Chandler, W. W., *mus.* 31 High st.
Chapin, T. J., Jr. *a* 365 WH.
Chapman, C. S., *g, for.* 360 Prospect st.
Chapman, F. B., Fr. *a* 250 York st.
Chappell, H., Sr. *a* 39 V.
Chase, A. L., Res. Lic. *d* 33 Gregson st.
Chase, F. L., Ass't. Astron. (p. 25) Observatory
Chase, G. M., Instr. (p. 27) 10 Ashmun st.
Chase, W. L., Jr. *a* 414 B.
Chatfield, G. F., Fr. *s* 268 Humphrey st.
Cheney, A. J., *mus.* 45 Elm st.
Cheney, P., Sr. *a* 178 LYC.
Cheney, R., Fr. *a* 1076 Chapel st.
Cheney, T. L., Sr. *a* 178 LYC.
Childs, C. L., Sr. *s* 131 Grove st.
Childs, J. H., Sr. *s* 131 Grove st.
Childs, R. S., Fr. *a* 599 P.
Chisholm, F. M., Sr. *a* 39 V.
Chisholm, H., Sr. *a* 67 V.
Chittenden, A. K., *g, for.* 83 Trumbull st.
Chittenden, G., Fr. *a* 217 York st.
Chittenden, G. P., Sr. *a* 238 D.
Chittenden, H. W., Fr. *s* 387 Temple st.
Chittenden, R. H., Prof. (pp. 18, 118, 275) (3 S. H.) 83 Trumbull st.
Chittenden, S. B., Jr., Jr. *a* 386 B.

Christian, G. P., Fr. *a* 250 York st.
Christian, H. H., Sr. *a* 28 V.
Christie, E. B., Sr. *a* 72 S. M.
Church, H. W., Fr. *a* 80 S. M.
Church, S. L., Fr. *s* 124 Wall st.
Churchill, W., *g* 71 W. D.
Clapp, E. J., Fr. *a* 591 P.
Clapp, F. M., Sr. *a* 400 B.
Clapp, R. G., Jr. *d* 81 W. D.
Clapp, S. H., Sr. *a* 312 W.
Clark, A. B., Jr. *a* 372 WH.
Clark, A. M., *f* Bridgeport
Clark, C. C., *g* 56 Grove st.
Clark, C. U., Tutor (p. 23)
Rome, Italy
Clark, E. R., So. *a* 130 F.
Clark, E. W., Sr. *s* 132 Wall st.
Clark, F. A., Sr. *a* 287 W.
Clark, G. M., Sr. *a* 249 L.
Clark, G. V., Jr. *d* 122 Wall st.
Clark, H. H., So. *a* 282 L.
Clark, H. T., So. *a* 214 D.
Clark, I. M., Fr. *a* 238 York st.
Clark, J. E., Prof. (pp. 15, 279)
(40 N. S. H.) 445 Orange st.
Clark, K. D., So. *a* 131 High st.
Clark, P. D., Jr. *a* 242 L.
Clark, R. K., So. *a* 277 Crown st.
Clark, S. C., So. *a* 1076 Chapel st.
Clark, W. A., Fr. *s* 405 Temple st.
Clark, W. D., Fr. *a* 360 WH.
Clark, W. H., Instr. (pp. 28, 85)
Hartford
Clark, W. M., Sr. *s* 459 Orange st.
Clark, W. S., Spec. *s* 1 Hillhouse av.
Clarke, C. C., Jr., Instr. (p. 25)
65 Grove st.
Clarke, H. M., *g* 33 Wall st.
Clarke, M. E., *mus.* 223 Whalley av.
Clarke, V. B., Jr. *s* Milford
Clarke, W. N., Lecturer (p. 23)
Hamilton, N. Y.
Claypool, T. H., *g* 115 Park st.
Clegg, W. E., Jr. *a* 114 N.
Clement, A. T., So. *a* 166 F.
Clement, G. E., *g, for.*
360 Prospect st.
Clifford, A. M., Fr. *a* 242 York st.
Clifford, O. M., Jr. *a* 252 L.
Clock, R. O., Sr. *s* 78 Lake pl.
Closson, O. E., Fr. *s* Meriden
Clucas, E. W., Fr. *a* 583 P.
Clyde, W. P., Jr., Sr. *a* 320 W.
Cobb, N. H., So. *a* 404 B.
Coburn, J. H., Fr. *a* 242 York st.
Cochran, C. H., Jr. *a* 381 WH.
Cochran, G. A., So. *a* 22 College st.
Cochran, P. B., Jr. *a* 147 F.
Coe, F. S., *g* 82 Wall st.
Coe, W. R., Instr. (pp. 26, 275)
(75 B. L.) 2 Hillhouse av.
Coffeen, H. M., Jr. *s*
17 Hillhouse av.
Coffey, J. R., So. *a* 17 Autumn st.
Coffin, C. H., Fr. *a* 237 York st.
Coffin, J. R., Jr. *s* 131 Grove st.
Cohn, A. F., Fr. *s* 397 Temple st.
Coit, J. D., Fr. *s* 411 Temple st.
Cole, F. W., Fr. *a* 538 P.
Cole, R. H., Jr. *a* 262 L.
Coleman, L. G., So. *a* 279 L.
Collins, A. M., So. *a* 250 L.
Collins, C. H., Jr. *a* 305 W.
Collins, E. D., Instr. (p. 23)
359 Edgewood av.
Collins, W. F., 1 *m* 393 East st.
Collins, W. G., So. *a* 231 D.
Collins, W. H., *g* 25 High st.
Colston, F. C., Fr. *a* 578 P.
Colton, H. B., Sr. *a* 40 V.
Colton, H. E., Jr. *a* 124 N.
Comstock, E. M., *g* 38 Lynwood st.
Comstock, L. B., Fr. *s* 132 Wall st.
Comstock, W. J., Instr. (p. 24)
43 Trumbull st.
Conant, G. K., So. *a* 22 College st.
Condict, P. K., So. *a* 159 F.
Condit, P. B., Sr. *s* 116 College st.
Conklin, L. R., *g* A.
Conley, E. J., Sr. *l* 19 Sylvan av.
Connor, W. N., Jr. *s* 96 Wall st.
Converse, E. C., Jr., Fr. *a*
238 York st.
Cook, A. S., Prof. (pp. 18, 99, 262)
(135 Elm st.) 219 Bishop st.
Cook, C. P., Sr. *s* 133 College st.
Cooke, C. M., Ass't. (p. 29)
112 College st.
Cooney, W. J., Jr. *m* 107 Greene st.
Cooper, J. W., Fellow New Britain
Cooper, S. W., *mus.* 18 Woolsey st.
Copeland, F. L., Fr. *s* 110 Wall st.
Copley, G. N., Sr. *s* 77 Wall st.
Copp, B. A., Jr., Fr. *a* 299 York st.
Corbin, W. L., *g* E. D.
Corey, W. A., Fr. *s* 110 Wall st.
Corning, E., So. *a* 22 College st.
Cornwall, A. P., 1 *m* 135 Howe st.

Cornwall, F. M., *mus.* Milford
Corrigan, E. F., Jr. *l* 427 Temple st.
Corwin, R. N., Prof. (pp. 21, 260) 333 Crown st.
Cory, D. U., Jr., So. *a* 167 F.
Cory, R. H., Jr. *a* 317 W.
Costello, P. V., Sr. *m* 214 Franklin st.
Couch, B. M., Fr. *s* 405 Temple st.
Couch, J. H., Mid. *d* 41 E. D.
Cox, H. B., Jr. *a* 7 V.
Coxe, A. C., Jr., Sr. *a* 336 WH.
Coy, S. L., Sr. *a* 15 V.
Craffey, J. T., Fr. *a* 25 High st.
Cramer, W. B., Jr. *s* 114 High st.
Crandall, R. E., Sr. *a* 100 N.
Crane, C. K., Fr. *s* 389 Temple st.
Crane, W. M., Jr., Fr. *a* 248 York st.
Crankshaw, R. N., Jr. *s* GYMN.
Crawford, G. W., Jr. *l* 35 Foote st.
Crawford, O., Sr. *a* 378 WH.
Creevey, W. S., Jr. *a* 10 V.
Cressler, A. M., Jr. *a* 306 W.
Cressler, G. H., Fr. *s* 22 College st.
Crofutt, E. F., 1 *m* 532 Howard av.
Cromwell, J. C., Jr. *s* 111 Grove st.
Cronan, J. P., So. *a* 297 W.
Cronin, D., Mid. *l* 528 P.
Cross, F., Jr., *g* 156 Spring st.
Cross, W. L., Ass't. Prof. (pp. 20, 263) (22 S. H.) 306 York st.
Cross, W. S., Fr. *a* 596 P.
Crosthwaite, B. M., Fr. *s* 96 Wall st.
Crosthwaite, J. L., Jr., Sr. *a* 58 V.
Crouse, G. N., Sr. *s* 17 Hillhouse av.
Crowe, E. R., So. *a* 1076 Chapel st.
Crowe, R. E., Sr. *l* 281 Crown st.
Culbreth, J. M., Jr. *d* 40 E. D.
Cullman, J. F., Jr., Fr. *a* 250 York st.
Cummings, F. I., *mus.* Plantsville
Cunningham, M. J., Jr. *l* 103 Park st.
Curran, T. H., So. *a* 38 Lake pl.
Curry, S. S., Instr. (pp. 24, 339) (12 E. D.) Boston, Mass.
Curtis, C. E., *g* 254 Prospect st.
Curtis, E. L., Prof. (pp. 18, 238, 325) (B. E. D.) 5 E. D.
Curtis, E. N., Sr. *a* 295 W.
Curtis, E. S., *f* Stratford
Curtis, K. W., So. *a* 297 W.
Curtiss, C., Fr. *a* 584 P.
Curtiss, C. L., 2 *m* 374 Whalley av.
Curtiss, H. S., Sr. *a* 59 V.
Cushing, C. C. S., Jr. *a* 325 W.
Cushman, E. C., So. *a* 76 S. M.
Cutler, J. E., *g* 373 Crown st.
Cutten, G. B., *g*, Spec. *m* 80 First st.
Cutter, E., Sr. *s* 133 College st.
Dadourian, H. M., F. *s* 92 Webster st.
Daggett, L. M., Instr. (p. 25) (42 Church st.) 77 Grove st.
Dallas, J. T., Fr. *a* 7 Library st.
Damon, M. S., Fr. *a* 170 York st.
Damon, W. F., Fr. *a* 170 York st.
Dana, E. S., Prof. (pp. 17, 114, 265) (4 M.) 24 Hillhouse av.
Danaher, D. J., Sr. *l* Meriden
Dangler, H. C., Fr. *a* 248 York st.
Darrow, W. H., Mid. *l* 29 High st.
Davidson, M. L., So. *a* 250 Crown st.
Davies, H., Lecturer (pp. 25, 224) 275 L.
Davies, W. E., Sr. *d* 88 W. D.
Davis, A. S., *g* A.
Davis, C. W., Jr. *a* 314 W.
Davis, G. E., Jr. *a* 148 F.
Davis, H. H., *g* 336 Humphrey st.
Davis, S. H., Res. Lic. *d* 217 Edgewood av.
Davis, T. L., Fr. *a* 231 York st.
Davis, W. E., Jr., Jr. *a* 55 V.
Davoud, V. E., Fr. *s* 132 Wall st.
Day, C., Instr. (p. 22) 158 Whitney av.
Day, C. E., Sr. *s* 299 York st.
Day, C. O., Jr., So. *a* 18 College st.
Day, C. S., Jr., *g* A.
Day, D. S., Jr. *a* 395 B.
Day, G. E., Prof. (p. 15) 125 College st.
Day, G. P., *g* A.
Day, H. F., Sr. *s* 132 Wall st.
Day, J., Sr. *a* 240 D.
Day, O. A., Mid. *l* 310 York st.
Day, R. D., So. *a* 344 WH.
Day, W. E., Jr. *a* 34 V.
Day, W. F., Auditor New Haven
Dayton, R. G., Mid. *l* Bridgeport
Dean, A. L., *g* 140 Shelton av.
Dean, W. P., Jr. *s* Bridgeport
Deane, J. P., Instr. (p. 341) 95 W. D.
Deane, S. N., Jr. *a* 148 F.
DeCou, E. E., *g* 399 Elm st.
Deering, J. R., Jr. *a* 291 W.
Defendorf, A. R., Lecturer (p. 28) Middletown

DeForest, C. H., Jr. *l* 149 College st.
DeForest, C. M., Sr. *a* 389 B.
DeForest, R. G., Sr. *l* Bridgeport
Delafield, E. H., Jr. *a* 47 V.
Delano, J., Jr., Fr. *a* 250 York st.
Delano, M., *g* A.
Dennis, E. LeR., Fr. *a* 587 P.
Denno, W. J., So. *a* 94 S. M.
Dent, G., Jr. *s* 133 College st.
Depew, C. M., Fellow
43 W. 54th st., N. Y. City
D'Esopo, S., Jr. *l* 135 Howe st.
Dettmer, J. G., Sr. *a* 203 D.
Dewey, G. A., Jr. *a* 313 W.
Dexter, F. B., Librarian (p. 16)
(LIBR.) 178 Prospect st.
Deyo, E. M., *g* 70 Howe st.
Dibble, E. E., *mus.* 656 Orange st.
Dickenson, E. C., Mid. *l* Hartford
Dickerman, A. E., *mus.*
140 Cottage st.
Dickerman, H. L., Mid. *l* Westville
Dickerman, S. O., Tutor (pp. 23, 105, 248) 267 L.
Dickinson, G. E., Fr. *s* 110 Wall st.
Dickinson, W. H., Jr. *s*
149 College st.
Dickson, F. S., 2d, Fr. *s*
387 Temple st.
Diefenbach, A. C., Jr. *d* 104 W. D.
Diehl, J. C., *g* A.
Digney, R. E., So. *a* 120 High st.
Dike, C. F., Jr., Fr. *s* 67 Howe st.
Dillman, L. C., Fr. *a* 250 York st.
Dillon, J. F., 2d, Fr. *a* 530 P.
Dillon, J. H., 1 *m* 111 Dwight st.
Dimock, H. F., Fellow
25 E. 60th st., N. Y. City
Dinnan, J. B., 1 *m* 96 Broad st.
Dix, W. LeR., Jr. *a* 285 York st.
Dixon, H. L., Sr. *s* 110 Wall st.
Dodge, A. D., So. *a* 278 L.
Dodge, F. T., Fr. *a* 250 York st.
Dodson, F. S., Sr. *a* 110 N.
Dominick, E., Fr. *a* 559 P.
Dominick, G. F., Jr. *g* A.
Dommerich, A. L., Fr. *s*
413 Temple st.
Donahue, M. J., Fr. *a* 361 WH.
Donnelly, E. F., Sr. *a* 322 W.
Donohoe, B. F., 2 *m* 19 Sylvan av.
Donohoe, E. A., So. *a* 205 D.
Doolittle, W., Jr. *s* 96 Wall st.
Doran, W. S., Fr. *a* 572 P.
Dorrance, C., Jr., Fr. *s* 387 Temple st.
Doudge, B. T., Sr. *a* 68 V.
Douglass, W. L., So. *a* 281 L.
Downes, J. I. H., Librarian (p. 29)
345 Whitney av.
Downey, E. A., Fr. *s* 389 Temple st.
Downs, E. S., Ass't. (p. 29)
(Sloane Lab'y) 90 S. M.
Downs, W. J., Sr. *a* 108 N.
Draper, T. P., So. *a* 249 Crown st.
Dreisbach, J. M., So. *a* 230 D.
Dresser, R. B., Jr. *a* 51 V.
Drummond, H., Fr. *a* 569 P.
Drury, H. L., So. *a* 526 P.
DuBois, A. J., Prof. (pp. 17, 285)
(129 WINCH.) 258 Bradley st.
Dubuque, A. Y., *g* 128 High st.
Dudley, G., Jr., Jr. *a* 392 B.
Dudley, S. W., *g* Westville
Duell, H. S., Jr. *a* 349 WH.
Duell, W. S., Fr. *a* 1076 Chapel st.
Duhan, J., Sr. *s* 1136 State st.
Duncan, G. M., Prof. (pp. 19, 74)
175 Edwards st.
Duncan, W. W., Jr. *a* 252 L.
Dunham, D. A., So. *a* 140 F.
Dunham, M., *g* 39 Lynwood st.
Dunleavy, J. J., Jr. *m* 14 St. John st.
Dupee, C., Sr. *a* 285 W.
Dupee, G. H., Fr. *a* 1076 Chapel st.
DuPuy, H. W., So. *a* 22 College st.
Durant, G. G., Jr., So. *a* 168 F.
Durbin, L. J., Mid. *l* 1151 Chapel st.
Duren, W., Sr. *s* 77 Wall st.
Durfee, E. L., *g* 90 Park st.
Durham, W. H., Fr. *a*
26 Academy st.
Dutcher, H. S., Jr. *s* 143 College st.
DuVal, C. L., So. *a* 18 College st.
Dwyer, A., Fr. *s* 124 Wall st.
Eales, H. W., Fr. *a* 7 Library st.
Earle, A. M., Fr. *s* 405 Temple st.
Earley, G. C., Mid. *l* 120 York st.
Earnest, F., *mus.* 23 Dummer st.
Earnshaw, W. A., So. *a* 25 High st.
Eastburn, H. G., Ass't. Librarian
(p. 31) (Hendrie Hall) 1 TR.
Eastman, B. S., Jr. *s* 1 Hillhouse av.
Eastman, F. M., Jr. *a* 54 V.
Easton, E., Jr., Jr. *a* 183 LYC.
Eaton, G. F., Instr. (p. 28)
(8 M.) 70 Sachem st.
Eberle, O. L., Sr. *s* 77 Wall st.
Eddy, D. B., *g* A.

Eddy, O. H., Sr. *a* 45 V.
Edgerton, J. W., Grad. *l* Middletown
Edmondson, G. J. N., Sr. *s* 18 Bishop st.
Edmondson, N. E., *mus* 173 Blatchley av.
Edwards, G. H., Jr. *m* 57 Prospect st.
Edwards, R. H., Sr. *a* 369 WH.
Edwards, S. W., Jr. *l* 120 High st.
Eells, J. S., Sr. *a* 19 V.
Egan, D. E., 1 *m* 20 Pearl st.
Eggleston, R. D., Fr. *a* 213 York st.
Eiseman, F. B., Sr. *a* 48 V.
Eldridge, J. G., Instr. (p. 28) 1136 Chapel st.
Eliason, E. L., Sr. *a* 246 L.
Eliason, J., So. *a* 246 L.
Elkin, W. L., Astron. (p. 19) 477 Prospect st.
Ellicott, C. R., Jr. *s* 96 Wall st.
Ellis, G. B., Sr. *a* 56 V.
Ellsbree, E. C., Jr. *l* Meriden
Ellsworth, B., So. *a* 268 L.
Ellsworth, L., Fr. *s* 110 Wall st.
Elmer, A. T., Mid. *l* 84 Wall st.
Elmer, M. S., Jr. *s* 96 Wall st.
Ely, A. E., 2 *m* 1081 Chapel st.
Ely, E. C., Fr. *a* 1076 Chapel st.
Ely, H. S., Jr. *a* 286 W.
Ely, J. S., Prof. (p. 19) 60 Wall st.
Ely, W. B., Fr. *a* 426 George st.
Embree, W. D., Jr. *a* 99 N.
Emerson, C. E., *g* 84 Norton st.
Emerson, S. A., *g* 134 Howe st.
Emery, H. C., Prof. (pp. 22, 81, 228) 270 Crown st.
Emmet, C. T., *g, for.* 208 Canner st.
Emmett, F. A., Jr. *m* 39 Lynwood st.
Ender, F. C., 1 *m* 54 DeWitt st.
Engelhardt, N. L., So. *a* 162 F.
Engelking, S., Jr. *l* 299 York st.
Ennis, E. A., *f* West Haven
Ennis, M., Jr. *d* 19 E. D.
Ericson, C. A., Sr. *l* 55 Prospect st.
Erwin, H. P., Fr. *a* 550 P.
Eshleman, H. L., Sr. *a* 108 N.
Esty, C. A., Fr. *a* 333 York st.
Evans, A. W., Instr. (pp. 26, 117, 276, 314) (18 S. H.) 2 Hillhouse av.
Evans, E. W., Fr. *a* 594 P.
Evans, J. K., Fr. *a* 227 D.
Evans, S. H., Fr. *a* 421 B.
Evans, W. A., Jr. *a* 103 N.
Evarts, H. C., Jr. *a* 271 L.
Everett, R. W., Fr. *s* 389 Temple st.
Everts, G. B., So. *a* 1081 Chapel st.
Ewell, R. H., So. *a* 419 B.
Ewell, W. S., Sr. *a* 239 D.
Ewing, W., Fr. *s* 104 Wall st.
Fahy, F. P., Jr. *s* 343 Cedar st.
Failing, E. J., So. *a* 228 D.
Fairbank, F. J., *g* 54 Garden st.
Fairbank, J. J. M., So. *a* 22 College st.
Fairbanks, J., So. *a* 265 L.
Faithorn, W. E., Sr. *s* 17 Hillhouse av.
Falvey, J. A., Fr. *a* Meriden
Fanslow, A. Y., *mus.* 53 Salem st.
Fanslow, W. F., Sr. *a* 53 Salem st.
Fanton, W. H., Jr. *a* 103 N.
Farley, E. W., Sr. *s* 132 Wall st.
Farnam, H. W., Prof. (pp. 18, 228) 43 Hillhouse av.
Farnham, C. S., Spec. *s* 123 York st.
Farnham, D. T., Fr. *a* 522 P.
Farnsworth, W. O., Instr. (p. 27) 309 Humphrey st.
Farnum, P. E., Jr., Fr. *a* 22 College st.
Farr, C. E., 2 *m* 333 York st.
Farr, H. A., Tutor (pp. 23, 94) 170 F.
Farra, J. A., Jr. *s* 17 Hillhouse av.
Farrel, A., Jr. *a* 387 B.
Farrel, F., Jr., So. *a* 390 B.
Faulkner, F., Sr. *l* 1044 Chapel st.
Feder, M. G., Fr. *a* 1044 Chapel st.
Feeter, J. A. C., Sr. *s* 133 College st.
Fenton, H. J., *g* 139 High st.
Ferguson, A. L., Jr. *a* 310 W.
Ferguson, H. L., Fr. *s* 104 Wall st.
Ferguson, R., 2 *m* Yale Hall
Ferguson, W., So. *a* 119 N.
Ferguson, W. H., Spec. *s* 333 York st.
Ferris, C., 2 *m* 67 Howe st.
Ferris, G. W., *f* 118 York st.
Ferris, H. B., Prof. (pp. 21, 119) 118 York st.
Ferris, W. J., Jr. *l* 49 E. D.
Ferry, J. F., Sr. *s* 111 Grove st.
Ferry, M., So. *a* 22 College st.
Ferry, M., Sr. *s* 111 Grove st.
Fessenden, A. G., Sr. *l* 18 Cassius st.

Fessenden, G., Fr. *a* 552 P.
Field, G. W., *g* A.
Finch, M. A., Jr. *s* 1151 Chapel st.
Fincke, W. M., Sr. *s* 133 College st.
Findley, J. A., Sr. *a* 128 High st.
Findley, S. E., *g* 83 Grove st.
Fish, L. B., Sr. *s* 68 William st.
Fisher, C. E., Sr. *a* 66 W. D.
Fisher, G. P., Prof. (pp. 15, 237, 331) (9 E. D.) 27 Hillhouse av.
Fisher, H. W., Sr. *l* 166 York st.
Fisher, I., Prof. (pp. 21, 229) A.
Fisher, W. L., Sr. *d* 31 E. D.
Fisk, A. R., Fr. *a* 551 P.
Fisk, C. W., Fr. *a* 551 P.
Fiske, J. L., Sr. *a* 1010 Chapel st.
Fitch, M. C., So. *a* 22 College st.
Fitch, W. D., Jr. *l* 64 High st.
FitzGerald, E., Jr. *a* 126 N.
Fitzgerald, E. H., So. *a* 61 W. D.
FitzRandolph, W. F., Fr. *a* 40 Lake pl.
Flaherty, M., Sr. *l* 83 Elm st.
Flanders, C. S., Fr. *a* 570 P.
Flanders, R. Y., Fr. *a* 250 York st.
Flanney, W. J., Sr. *m* New Britain
Fleischmann, C. M., Fr. *s* 387 Temple st.
Fleischner, E. C., 1 *m* 920 Grand av.
Fleming, A. S., Jr. *a* 323 W.
Fletcher, H., *g* A.
Fletcher, R. S., Sr. *a* 368 WH.
Flint, H. M., Sr. *a* 355 WH.
Flint, J. I., Mid. *l* Fairfield
Flora, C. P., Jr. *a* 126 N.
Fluhrer, M., So. *a* 43 College st.
Flynn, D. A., 1 *m* Bridgeport
Flynn, J. F., *g* 46 College st.
Fogarty, T. A., Spec. *s* 264 Blatchley av.
Fogelberg, J., *g* 59 Prospect st.
Foley, E. H., *g* 70 Howe st.
Follett, A. W., Fr. *a* 556 P.
Foote, H. W., Instr. (pp. 28, 272) 162 S. L.
Foote, S. T., Jr. *a* 10 V.
Ford, H., Fr. *a* 588 P.
Ford, W. E., Jr. Ass't. (p. 30) 16 Lynwood st.
Fosburgh, J. B. A., Spec. *s* 111 Grove st.
Foster, A. K., *g* 108 High st.
Foster, C. A., Sr. *s* 131 Grove st.
Foster, C. R., Jr. *a* 373 Crown st.
Foster, J. E., 1 *m* 370 George st.
Foster, J. P. C., Instr. (p. 24) 109 College st.
Foster, J. W., Lecturer (p. 23) Washington, D. C.
Foster, P. B., So. *a* 217 D.
Foster, R., Lecturer (p. 24) 79 W. 54th st., N. Y. City
Foster, W. F., Ass't. Prof. (p. 22) 11 Hendrie Hall
Foulks, J. A., Jr. *s* 96 Wall st.
Fowler, F. H. B., *g* 308 Humphrey st.
Fox, A., So. *a* 214 D.
Fox, C. J., Sr. *l* 58 Sylvan av.
Fox, D. F., Fr. *a* 212 Franklin st.
Fox, E. L., Jr. *a* 318 W.
Fox, G. L., *g* 7 College st.
Franchot, D. W., Fr. *s* 128 High st.
Francis, C. B., Jr. *a* 47 V.
Francis, C. D., Jr. *a* 380 WH.
Francis, N. R., Jr. *a* 338 WH.
Francolini, F., Jr. *l* 541 Chapel st.
Franklin, H. A., Fr. *a* Shelton
Freeman, J. R., So. *a* 140 F.
Frew, W., So. *a* 22 College st.
Frisbie, E. E., *mus.* Bridgeport
Frisbie, E. W., Jr. *a* 352 WH.
Frisbie, L. W., So. *a* 268 L.
Frisbie, W. S., Sr. *s* 113 Wall st.
Fuller, H. B., Sr. *a* 159 Elm st.
Fuller, H. G., Sr. *s* 159 Elm st.
Fuller, L. P., Mid. *l* 598 P.
Fulton, L. E., Sr. *a* 350 WH.
Fulton, W. S., So. *a* 390 B.
Fulton-Phizenmayer, C. A., Sr. *l* 1151 Chapel st.
Furst, A. S., So. *a* 39 College st.
Gaffney, F. T., 1 *m* Wallingford
Gager, E. B., Instr. (pp. 24, 83, 231, 315) Derby
Gaines, T. J., Jr., So. *a* 22 College st.
Gaines, T. R., Fr. *a* 103 Park st.
Gale, A. S., *g* 124 W. D.
Gallagher, E., *f* 13 University pl.
Gallagher, J. W., Fr. *a* 25 High st.
Galpin, H. L., Jr. *a* 333 WH.
Gans, J., So. *a* 81 S. M.
Ganung, T. A., Jr., 1 *m* 130 St. John st.
Gard, A., Sr. *s* 125 High st.
Gardner, H. I., Fr. *a* 40 Lake pl.

Gardner, H. W., Fr. *a* 1076 Chapel st.
Gardner, S. W., Jr. *a* 123 N.
Garnsey, W. S., Jr., Jr. *a* 317 W.
Garrett, W. T., Jr. *a* 261 L.
Garrity, B. J., *mus.* Southington
Garvan, J. S., Jr. *a* 326 W.
Garvin, A. H., 2 *m* 312 George st.
Gast, R. S., Jr. *a* 234 D.
Gause, C. I., Fr. *s* 86 Wall st.
Gay, L. L., Sr. *s* 143 College st.
Gaylord, T. G., Mid. *l* 1044 Chapel st.
Gaynor, F. A., Mid. *l* Bridgeport
Geis, S. W., *g* 83 Sachem st.
Gelser, G. M., Fr. *a* 85 S. M.
Gelshenen, W. H., Jr., Fr. *s* 395 Temple st.
Gentry, C. M. C., Spec. *l* 36 College st.
Gentry, R. H., Fr. *s* 110 Wall st.
Genung, J. F., Lecturer (p. 24) Amherst, Mass.
Gerbich, G. W., *f* Tontine Hotel
Gherini, A., Mid. *l* 404 Crown st.
Gibb, H., Ass't. (p. 31) (26 M.) 266 Dixwell av.
Gibbons, L. W., Jr. *s* 131 Grove st.
Gibbs, J. W., Prof. (pp. 16, 123, 279) (Sloane Lab'y.) 121 High st.
Gibner, H. C., 2 *m* 78 Dwight st.
Gibson, R. B., Jr. *s* 18 Trumbull st.
Gilbert, F. C., So. *a* 250 L.
Gilbert, F. M., *g* A.
Gilbert, G. B., So. *a* 61 W. D.
Gilbert, H., Sr. *s* 131 Grove st.
Gilbert, H. A., Sr. *s* 126 High st.
Gilbert, H. C., Ass't. (p. 31) (LIBR.) 22 Whalley av.
Gilbert, P. T., Sr. *a* 40 V.
Gile, A. L., Sr. *l* 1151 Chapel st.
Gillespie, E. L., So. *a* 177 F.
Gillette, G. W. F., *g* 383 Whalley av.
Gilliam, W., *g* 25 High st.
Gilmore, J. L., 1 *m* 144 Portsea st.
Gilpatrick, R. H., Sr. *a* 212 D.
Gilson, J. L., Mid. *l* 571 P.
Glascock, C. C., Instr. (p. 27) 342 George st.
Glazier, F. W., Fr. *a* 1076 Chapel st.
Gleason, A. H., Sr. *a* 286 W.
Gleason, W. W., So. *a* 250 Crown st.
Glicksman, H., Fr. *a* 535 P.
Goddard, I., So. *a* 77 W. D.
Goddard, R. H. I., Jr., Jr. *a* 324 W.
Goddard, R. J., Mid. *d* 77 W. D.
Godfrey, W. B., Jr., Jr. *a* 120 College st.
Goetchius, M., Fr. *a* 237 York st.
Goldsmith, J. J., Jr. *l* 74 Minor st.
Goldsmith, M. R., Fr. *a* 1076 Chapel st.
Gooch, F. A., Prof. (pp. 18, 115, 273) (Kent Lab'y.) 169 Edwards st.
Goodell, P., Fr. *a* 112 N.
Goodell, T. D., Prof. (pp. 19, 104, 247) 35 Edgehill road
Goodrich, C. S., Fr. *a* 170 York st.
Goodwin, B., Jr., *l* 1044 Chapel st.
Goodwin, F. S., So. *a* 155 Elm st.
Goodwin, J. L., Jr. *a* 357 WH.
Goodwin, J. L., Fr. *a* 203 York st.
Goodwin, R. S., Jr., Ass't. (p. 26) 1179 Chapel st.
Gordon, A., Fr. *a* 547 P.
Gordon, G. A., Lecturer (p. 24) Boston, Mass.
Goss, G. A., So. *a* 22 College st.
Gott, P. VanD., Jr. *a* 292 W.
Gould, C., Jr. *a* 183 LYC.
Gould, J. A., Jr. *s* 145 College st.
Gowen, B. S., Sr. *a* 130 Howe st.
Graff, F. E., Fr. *a* 192 York st.
Grammer, N., Sr. *s* 96 Wall st.
Granbery, E. C., Jr. *a* 394 B.
Granbery, E. T., Fr. *s* 110 Wall st.
Granniss, I., Ass't. (p. 29) 64 Edgewood av.
Granniss, R. A., Jr., So. *a* 1076 Chapel st.
Granville, W. A., Instr. (pp. 27, 282) (46 N. S. H.) 7½ Eld st.
Gravatt, T. E., *g* 73 Lake pl.
Graves, A. H., *g* 51 N. S. H.
Graves, H. S., Prof. (pp. 22, 118, 278) 360 Prospect st.
Gray, A. W., Fr. *a* 92 York sq.
Gray, H., 1 *m* 315 York st.
Gray, H. S., Sr. *a* 329 W.
Gray, J. L., Fr. *a* 170 York st.
Green, C. D., So. *a* 22 College st.
Green, D. B., Fr. *a* 524 P.
Green, E. E., Jr. *d* 108 W. D.
Green, Gervase, Instr. (pp. 22, 225) 136 Sherman av.
Greenbaum, B. L., Spec. *s* 401 George st.
Greene, C., Sr. *a* 42 V.

Greene, C. A., Proctor (p. 32) 571 P.
Greene, H. G., So. *a* 269 L.
Greene, I. B., Jr. *s* 113 Wall st.
Greene, P. M., Fr. *s* 413 Temple st.
Greenhalgh, G. P., Sr. *a* 42 V.
Greenough, C. E., Jr. *s* 111 Grove st.
Gregory, H. E., Instr. (pp. 28, 83, 116, 231, 315) (109 Elm st.) 55 N. S. H.
Gregory, J. F., Sr. *d* 32 E. D.
Gribben, P. D., Fr. *s* 411 Temple st.
Gridley, J. S., *mus.* Southington
Griffin, H. F., So. *a* 132 F.
Griffin, M. C., Jr. *l* 49 E. D.
Griffing, R. P., Jr. *a* 65 V.
Griffiths, A. L., Sr. *a* 97 N.
Griggs, H. L., Fr. *a* 250 York st.
Griswold, R. W., Jr. *s* 133 College st.
Grosvenor, J. P., Sr. *a* 17 V.
Groves, E. R., Sr. *d* 33 E. D.
Gruener, G., Prof. (pp. 20, 90, 259) (276 L.) 522 Howard av.
Gruener, H. R., Ass't. (p. 31) (LIBR.) 522 Howard av.
Guernsey, R. G., Jr. *a* 277 L.
Guffey, T. H., Fr. *s* 110 Wall st.
Gunn, W. J., Jr. *d* 103 W. D.
Gurney, S., Sr. *m* 142 York st.
Guthrie, G. D., Sr. *s* 133 College st.
Guthrie, M. C., Fr. *s* 387 Temple st.
Haas, J. F., Grad. *l* 19 Sylvan av.
Haas, J. G., Jr., So. *a* 245 L.
Haberlin, J. H., Jr. *m* 161 York st.
Hackett, J. F., So. *a* Meriden
Hadley, A. T., President (p. 15) (6 TR.) 93 Whitney av.
Haight, F. R., Sr. *a* 410 Winthrop av.
Haight, L. M., *mus.* Foxon
Haines, W. P., Jr. *a* 259 L.
Hale, F. E., Ass't. (p. 30) 363 Orchard st.
Hale, P. T. W., *g* 135 Howe st.
Hall, A. B., Jr. *a* 261 L.
Hall, E., *mus.* Wallingford
Hall, E. A., Fr. *s* 104 Wall st.
Hall, F. J., *g* A.
Hall, J. R., Jr. *a* 326 W.
Hall, L. B., Jr., Jr. *a* 218 D
Hall, P. T., Sr. *s*
Hall, R. E. B., Sr. *a* 45 V.
Hall, Robert W., Ass't. (p. 28) 48 N. S. H.
Hall, Rufus W., Ass't. (p. 32) (GYMN.) Bridgeport
Hall, W. C., Fr. *a* 1044 Chapel st.
Hall, W. H., Jr. *s* 209 Orchard st.
Hallen, E. F., Sr. *l* Bridgeport
Halteman, A. L., Fr. *a* 34 Hillhouse av.
Hamilton, A. L., Jr. *l* 89 Park st.
Hamilton, E. W., Jr. *s* 29 Warren st.
Hamilton, H. T., Fr. *a* 537 P.
Hamilton, W. F., Sr. *a* 131 Washington st.
Hamlin, C. J., So. *a* 22 College st.
Hamlin, E. F., Sr. *m* 297 Crown st.
Hamlin, H. S., Fr. *s* 397 Temple st.
Hamlin, H. W., Jr. *a* 330 W.
Hammond, C., 1 *m* 10 Baldwin pl.
Hammond, J. LeR., Jr. *a* 8 V.
Hammond, S. M., Ass't. (p. 27) 105 College st.
Hance, W., Jr. *a* 403 B.
Hand, C. W. H., Ass't. (p. 31) (GYMN.) 158 York st.
Handel, F. J., So. *a* 557 P.
Hanford, G. A., Ass't. (p. 29) 2 Hillhouse av.
Hansl, P. W., Sr. *a* 1151 Chapel st.
Hardy, G. B., So. *a* 1076 Chapel st.
Hardy, G. W., Mid. *l* 1423 Chapel st.
Harger, J. G., Ass't. (p. 31) (LIBR.) 14 University pl.
Hargrave, N. H., Jr. *s* 1 Hillhouse av.
Hargrove, H. L., *g* 723 Elm st.
Hargrove, P. S., *g* 363 Orchard st.
Harmar, J., *g* A.
Harmount, G. S., Fr. *s* 238 Orchard st.
Harmount, W. L., So. *a* 238 Orchard st.
Harriman, C. H., Instr. (p. 30) 42 Church st.
Harrington, A. I., Fr. *a* 248 York st.
Harris, F. G., Sr. *a* 283 W.
Harris, M. A., *g* 22 Lynwood st.
Harrison, A. G., Mid. *l* 20 Little Orange st.
Harrison, Francis B., *g* A.
Harrison, Fred'k B., *g* 83 Grove st.
Harrison, W. H., Fr. *s* 391 Temple st.
Harrod, W. A., Jr. *d* 27 Eaton st.
Hart, A. L., So. *a* 109 N.
Hart, C. E., *f* 83 Grove st.
Hart, H., Mid. *l* 113 Wolcott st.

Hart, J. B., Jr. *a* 318 W.
Hart, W. D., Fr. *a* 177 F.
Hartjen, H. F., So. *a* 1044 Chapel st.
Hartridge, J., So. *a* 232 D.
Hartwell, E. S., Fr. *a* 9 Library st.
Harvey, W. V., Jr. *s* 111 Grove st.
Harwell, R. R., Jr. *d* 53 E. D.
Hashimoto, I., *f* 330 Crown st.
Haskell, W., Sup't. (p. 31)
(Reading Room) 96 Dwight st.
Hastings, C. S., Prof. (pp. 17, 270)
(120 WINCH.) 248 Bradley st.
Hastings, K. P., *f* 248 Bradley st.
Hastings, W. S., Jr. *a* 377 WH.
Hathaway, C. M., Jr., *g* 90 S. M.
Hathaway, D. G., Mid. *l*
8 Ashmun st.
Hausberg, E., Sr. *a* 49 V.
Hauser, O. S., Sr. *s* 132 Howe st.
Havemeyer, A., Fr. *a* 250 York st.
Hawk, P. B., *g* 118 W. D.
Hawkes, H. E., Instr. (pp. 23, 120, 282 1494 Chapel st.
Hawley, C. R., 1 *m* 1081 Chapel st.
Hawley, E. R., *mus.* Huntington
Hay, S., Spec. *s* 131 Grove st.
Hayes, A. P., Jr. *l* 117 Park st.
Hayes, W. H., Res. Lic. *d* 15 E. D.
Hazard, R., So. *a* 222 D.
Healy, H. W., Sr. *a* 382 WH.
Heaton, L., Jr. *a* 357 WH.
Heaton, W. W., *g* A.
Hedges, S. F., So. *a* 1098 Chapel st.
Heermance, E. L., Sr. *d*, *g*
17 E. D.
Heermance, T. W., Instr. (p. 22) A.
Hemenway, L. E., Sr. *a* 339 WH.
Hemingway, S. B., Fr. *a*
327 Temple st.
Hendel, G. S., Jr. *l* 1151 Chapel st.
Henderson, A., Mid. *l*
1098 Chapel st.
Henderson, Y., Instr. (p. 28)
88 Trumbull st.
Hengerer, L., Sr. *s* 82 Wall st.
Henry, G. G., Sr. *a* 6 V.
Henry, G. P., Fr. *s* 393 Temple st.
Hepburn, M. A., *mus.* 7 Cottage st.
Herrick, W. W., Jr. *a* 314 W.
Hess, J. S., So. *a* 211 D.
Hess, W. M., Ass't. (p. 31)
(135 Elm st.) Mill Rock
Hessler, H. P., Jr. *m* 898 State st.
Hetrick, H. S., Sr. *a* 128 N.

Hewes, L. I., *g* 285 York st.
Hewett, G. A., Jr. *a* 41 V.
Hewitt, B., So. *a* 22 College st.
Hewitt, M. C., *g* 65 Dixwell av.
Hewitt, T. B., Jr. *a* 129 F.
Hickey, T. F., Grad. *l* 144 Park st.
Hicks, W. M., Jr. *s* 82 Wall st.
Higgins, G. S., Sr. *m* 1157 Chapel st.
Higgins, J. C., Jr. *a* 11 V.
Higgins, W. A., Jr. *a* 122 N.
Higgins, W. G., Fr. *s* 130 Wall st.
Higgins, W. McK., Jr. *m* 233 York st.
Hileman, A., So. *a* 360 WH.
Hill, A. R., Jr. *a* 260 L.
Hill, C. H., Fr. *s* 407 Temple st.
Hill, J. A., Jr. *s* 114 High st.
Hill, R. T., Fr. *a* 20 Carmel st.
Hillard, J., Sr. *l* 1151 Chapel st.
Hilliard, C. G., 2 *m* 123 York st.
Hills, W. B., *f* 122 W. D.
Hinckley, D. R., Ass't. (p. 27)
35 College st.
Hindley, C. T., Spec. *s*
17 Hillhouse av.
Hine, C. P., Sr. *l* 1151 Chapel st.
Hines, B. F., Jr. *s* 59 Prospect st.
Hinton, R. T., *g* 70 W. D.
Hipple, W. C., 1 *m* 316 Crown st.
Hirschfeld, W. C., *f* Meriden
Hirsh, A. M., Sr. *a* 6 V.
Hirsh, B. H., Fr. *a* 534 P.
Hiscox, E. T., 2d, Fr. *a* 570 P.
Hitchcock, C., Jr., So. *a*
22 College st.
Hitner, G. W., Jr. *a* 257 L.
Hitt, R. R., *g* A.
Hitt, W. R., Sr. *a* 50 V.
Hixon, R. B., Sr. *a* 30 V.
Hoadley, C. B., Fr. *s* Branford
Hodgson, A. E., Fr. *s*
8 University pl.
Hogan, T. N., So. *a* 1098 Chapel st.
Holbrook, B. E., *g* 74 Lake pl.
Holbrook, C. S., So. *a* 165 F.
Holbrook, R., Tutor (pp. 22, 93, 258)
212 Orchard st.
Holbrook, S. M., *f* 1501 Chapel st.
Holden, F. A., *g*. Res. Lic. *d* Morris
Hollis, F. S., Instr. (p. 26)
120 York st.
Hollister, G. C., *g* A.
Holmes, J. H., Fr. *a* 536 P.
Holmes, L. S., Sr. *a* 284 W.
Holt, H. C., So. *a* 152 F.

Holt, L. H., Jr. *a* 156 F.
Hooker, D. R., *g* 436 Orange st.
Hooker, H. S., Jr. *a* 60 V.
Hooker, T., Jr., So. *a* 293 W.
Hooker, W. B., Jr. *a* 352 WH.
Hooper, S. U., So. *a* 269 L.
Hopkins, C. S., Jr. *a* 24 V.
Hopkins, E. W., Prof. (pp. 19, 109, 252) 235 Bishop st.
Hopkins, J. H., Jr., Fr. *a* 250 York st.
Hoppin, G. B., *g* A.
Hoppin, J. M., Prof. (p. 15) 47 Hillhouse av.
Hoppin, W. W., Jr., Sr. *a* 341 WH.
Hopwood, J. L., Jr. *d* 28 E. D.
Hord, J. H., Sr. *a* 178 LYC.
Horvei, J. J., Mid. *d* 53 E. D.
Hotchkiss, A. S., Priv. Sec'y. (p.32) (6 TR.) 136 Sherman av.
Hotchkiss, F. E., Sup't. (p. 32) (F Osborn) 104 High st.
Hotchkiss, H. F., Sr. *s* 94 Olive st.
Hotchkiss, S., *g* 55 Hillhouse av.
Hotchkiss, S. L., Fr. *s* 538 Chapel st.
Houghteling, F. S., So. *a* 229 D.
Houghton, W. M., Fr. *a* 231 York st.
Howard, J. J., Jr. *s* 161 Saltonstall av.
Howard, L. A., So. *a* 91 S. M.
Howe, H. S., Fr. *s* 118 College st.
Howe, J. R., Fr. *a* 154 F.
Howe, P. M., Jr. *a* 105 N.
Howe, S. H., Jr., Jr. *a* 157 F.
Howe, W. B., Sr. *a* 238 D.
Howe, W. D., Sr. *a* 236 D.
Howes, A. F., *f* Bridgeport
Howes, C. L., Fr. *s* 110 Wall st.
Howland, F. E., Fr. *a* 541 P.
Howland, H. E., Fellow 14 W. 9th st., N. Y. City
Hoysradt, W. J., Sr. *a* 15 V.
Hoyt, A. C., Jr. *s* 96 Wall st.
Hubbard, A. K., Sr. *s* 60 York sq.
Hubbard, L. E., *g*, Grad. *l* 89 Bristol st.
Hubbard, W. B., Jr. *s* 40 Lake pl.
Hubbell, C. M., *g* 24 High st.
Hubbell, G. W., *g* 24 High st.
Hubbell, H. M., Jr. *a* 124 N.
Hubbell, J. W., Jr. *a* 147 F.
Huddy, X. P., Sr. *l* 27 High st.
Hudson, B. T., Jr. *a* 64 V.
Hudson, C. S., 1 *m* 1142 Chapel st.
Huff, J. B., Fr. *a* 248 York st.
Hughes, J. J., Jr. *a* 417 B.
Hughes, L. M., Jr. *s* 96 Wall st.
Hull, A. C., Fr. *a* 333 York st.
Hull, A. J., Sr. *l* 83 Elm st.
Hull, G. H., Jr., Jr. *a* 4 V.
Hull, N. C., So. *a* 280 L.
Humbird, J. C., Jr. *s* 77 Wall st
Hume, R. E., *g* 24 Home pl.
Humiston, H. D., Jr. *a* 92 W. D.
Hunt, E. W., Jr. *s* 96 Wall st.
Hunt, J. W., 1 *m* 91 Olive st.
Hunt, L., Jr. *s* 22 College st.
Hunt, R. A., So. *a* 264 L.
Hunt, W. S., Sr. *a* 204 D.
Hunter, J. R., Jr. *a* 35 V.
Hunting, H. B., Sr. *a* 99 N.
Huntington, H. S., Jr., Fr. *a* 416 B.
Hupfel, O. G., Spec. *s* 82 Wall st.
Hurd, E. H., Fr. *a* 293 York st.
Hurd, F. L., Fr. *s* 8 Prospect pl.
Hurst, G. S., So. *a* 92 S. M.
Hutchins, A. E., Ass't. (p. 31) LIBR.
Hutchins, E. J., Fr. *s* 192 Division st.
Hutchins, W. H., Sr. *a* 413 B.
Hutchinson, E. L. H., Sr. *a* 83 S. M.
Hutchinson, H. LeR., Fr. *s* Branford
Hyatt, H. H., Fr. *a* 219 York st.
Hyatt, R. B., So. *a* 251 L.
Hyde, A. B., Sr. *d* 46 E. D.
Hyde, A. W., Jr. *a* 66 V.
Hyde, J., Mid. *d* 22 E. D.
Hyde, W. A., Sr. *s* 68 Canner st.
Iddings, L. LaM., *g* Orange
Ingersoll, J. W. D., Ass't. Prof. (pp. 22, 107, 249) 311 Crown st.
Ingham, H. M., *g* A.
Ingham, R. M., Fr. *s* 391 Temple st.
Ingraham, C. B., Jr., Jr. *s* 133 College st.
Ingraham, C. E., Fr. *s* 311 York st.
Inman, F. C., Jr. *s* 133 College st.
Irvine, W. L., So. *a* 76 S. M.
Jackson, C. W., Sr. *d* Montowese
Jackson, F. F. W., Jr. *a* 254 L.
Jackson, R., Fr. *s* 82 Wall st.
Jackson, W. H., Sr. *l* 533 P.
James, D. L., Jr. *a* 397 B.
James, Heberd, Fr. *a* 521 P.
James, Henry, So. *a* 1076 Chapel st.
Jamieson, G. S., Sr. *s* Bridgeport

Janes, J. F., Fr. *s* 17 Hillhouse av.
Jardine, J., Machinist (p. 32) 154 Lamberton st.
Jarman, F. T., Fr. *s* 117 Wall st.
Jarvis, R. S., Fr. *a* 250 York st.
Jarvis, W. S., Sr. *a* 203 D.
Jeffcott, E. W., Jr. s 102 York sq.
Jefferson, F. W., Jr. *a* 4 V.
Jefferson, T. L., Jr., Fr. *a* 250 York st.
Jelke, F. F., Jr. *s* 110 Wall st.
Jennings, N., Fr. *a* 410 B.
Jennings, P.H., Fr. *a* 1074 Chapel st.
Jennings, R. G., Fr. *a* 237 York st.
Jente, A. H., Jr. *s* 97 Bristol st.
Jente, P. J. H., Jr. *s* 97 Bristol st.
Jente, W. J. E., *g* 97 Bristol st.
Jepson, H. B., Ass't. Prof. (pp. 22, 126, 288) (4 TR.) 55 Dwight st.
Johnson, B. H., Sr. *s* 33 Wall st.
Johnson, C. W., *g* 33 Lock st.
Johnson, G. A., Ass't. (p. 31) (LIBR.) 186 Bradley st.
Johnson, G. C., Fr. *s* 421 Temple st.
Johnson, G. H., Mid. *d* 15 E. D.
Johnson, H. O., 2 *m* 139 York st.
Johnson, N. C., Sr. *s* 132 Wall st.
Johnson, P. B. A., Sr. *a* 408 B.
Johnson, S., Jr. *a* 290 W.
Johnson, S. W., Prof. (p. 15) 54 Trumbull st.
Johnson, T. B., Ass't. (p. 29) 162 Sloane Lab'y.
Johnson, T. R., 1 *m* 1142 Chapel st.
Johnston, D. K., So. *a* 79 S. M.
Johnston, F. A., So. *a* 215 D.
Johnston, L. M., Jr. *a* 277 L.
Johnston, W. P., So. *a* 149 F.
Jones, E. A., Jr. *a* 121 N.
Jones, E. L., Sr. *a* 33 V.
Jones, G. R., Mid. *l* 270 Crown st.
Jones, H. A., Sr. *l* 137 Dwight st.
Jones, H. McK., Sr. *s* 88 Wall st.
Jones, N. R., So. *a* 144 F.
Jones, O. L., Jr., Fr. *a* 237 York st.
Jones, P., Jr. *a* 347 WH.
Jones, W. A., Spec. *s* 82 Wooster st.
Jordan, G. L., *mus.* New London
Jordan, R. H., *g* A.
Joy, C. S., Fr. *a* 22 Lynwood st.
Joy, J. W., Sr. *a* 73 S.M.

Judd, H. P., Sr. *a* 339 WH.
Judd, M. N., Jr. *s* 117 Wall st.
Judge, J. F., Spec. *s* 96 Wall st.
Judson, C. S., Fr. *s* Ansonia
Kairiyama, T., *g* 373 Crown st.
Kane, E. G., *g* 70 Howe st.
Kane, J. H., 1 *m* 532 Howard av.
Karzanjian, K. H., *g* 200 Edgewood av.
Kawabe, K., *g* 90 W. D.
Keane, R. B., Jr. *m* 42 College st.
Kearney, R. S., Sr. *l* 792 Chapel st.
Keator, F. R., Jr. *a* 349 WH.
Keays, J. A., Spec. *s* 54 E. D.
Keener, R. H., *g* 37 Lynwood st.
Keep, R. P., Jr., So. *a* 139 F.
Kehr, H. T., Sr. *s* 16 Park st.
Keller, A. G., Instr. (pp.28, 83, 231) 183 Lawrence st.
Kelley, A. R., Fr. *a* 1076 Chapel st.
Kellogg, C. W., Instr. (p. 28) 233 York st.
Kellogg, F. S., Sr. *a* 219 D.
Kellogg, G. D., Tutor (p. 23) 307 W.
Kellogg, L. L., Jr., Sr. *a* 58 V.
Kellogg, R. M., Sr. *s* 126 High st.
Kelly, E. H., Mid. *l* New Britain
Kelly, H. C., So. *a* 209 Norton st.
Kelly, J. F., 1 *m* Bridgeport
Kelly, W. E., 2 *m* 333 York st.
Kendall, C. H., Fr. *s* 74 W. D.
Kenna, W. M., Ass't. (p. 26) 145 Olive st.
Kennedy, D. E., So. *a* 274 L.
Kennedy, M. H., *g* 47 York sq.
Kennedy, S., Sr. *s*. . Derby
Kennedy, V. W., *g* 47 York sq.
Kent, A. E., *g* A.
Kent, F. S., So. *a* 153 F.
Keogh, A., Librarian (p. 25) 424 Elm st.
Keppelman, J. A., Sr. *a* 28 V.
Kernan, E. F., Jr. *l* 26 Kent Place
Kerr, A. H., Fr. *a* 597 P.
Kerr, R. W., 2 *m* 333 York st.
Kilbourn, C. L., Ass't. (p. 29) 20 Woolsey st.
Kilburn, J. B., So. *a* 401 B.
Killen, A. H., Sr. *a* 366 WH.
Kimball, J. C., Jr. *a* 69 V.
King, H. W., Sr. *a* 355 WH.
King, P. W. R., Sr. *s* 22 College st.
King, T. W., Fr. *s* 104 Wall st.
King, W. I., Fr. *a* 355 WH.

Kingman, E. A., So. *a* 153 F.
Kingsley, Ranulph, Sr. *a* 138 F.
Kingsley, Rolfe, Jr. *s* 110 Wall st.
Kinney, A. H., Jr. *a* 208 Whalley av.
Kinney, F. J., Grad. *l* Branford
Kinney, J. N., Jr., So. *a* 208 D.
Kinney, W. R., Fr. *a* 130 Howe st.
Kip, G. B., Sr. *a* 67 V.
Kirk, M. B., Fr. *s* 133 Wall st.
Kirkham, W. B., Fr. *a* 22 Lynwood st.
Kirkland, T. H., Fr. *a* 67 Howe st.
Kirkwood, H. C., Fr. *s* 222 Norton st.
Kirtland, L. S., So. *a* 22 College st.
Kitchel, C. L., (p. 17) (8 Phelps) 253 Lawrence st.
Kitchel, C. P., Sr. *l* 27 High st.
Kittle, J. C., Fr. *a* 1076 Chapel st.
Kline, C. M., Sr. *s* 133 College st.
Klock, M. C., Jr. *s* 1 Hillhouse av.
Knapp, H. H., Lecturer (p. 25) Bridgeport
Knapp, M., Fr. *s* 333 York st.
Knight, A. P., Sr. *s* 114 High st.
Knight, H. S., Instr. (p. 29) 32 Pearl st.
Knight, J. M., Sr. *s* 492 Blatchley av.
Knox, H. W., So. *a* 32 V.
Knox, J. W., Fr. *a* 242 York st.
Kowalewski, V. A., Jr. *m* 86 Second st.
Kraft, E. A., *mus.* 150 Oak st.
Kraft, W. J., *mus.* 150 Oak st.
Krause, E. C., Jr. *m* 26 Ward st.
Kreider, D. A., Instr. (p. 22) (Sloane Lab.) 298 Lawrence st.
Krementz, W. M., Jr. *a* 43 V.
Kunkel, B. W., Sr. *s* 82 Wall st.
Kunzig, P. H., Sr. *l* 1151 Chapel st.
Lacey, E. M., Fr. *a* 581 P.
LaCour, A. B., Fr. *a* 574 P.
Ladd, G. T., Prof. (pp. 17, 219) (275 L.) 204 Prospect st.
LaField, H., *g* Bridgeport
Lamb, A. R., So. *a* 169 F.
Lambert, C. I., Fr. *s* 43 Whalley av.
Lambert, H., *mus.* 43 Whalley av.
Lamontagne, O. O., Mid. *l* 276 Orange st.
Lamprecht, W. H., 2d, Jr. *s* 117 Wall st.
Lancaster, M. P., Jr. *a* 4 V.
Land, M. A., *g* 17 Whalley av.
Lane, F. P., 1 *m* 67 Howe st.
Lane, G. T., Fr. *a* 248 York st.
Lane, J. E., Jr. *m* 122 Howe st.
Lane, T. T., So. *a* 164 F.
Lane, W. C., Sr. *l* 122 Howe st.
Lang, H. R., Prof. (pp. 18, 92, 250) (244 L.) 137 Wall st.
Langley, R. W., Jr. *s* 229 Blatchley av.
Langley, S. S., Fr. *s* 229 Blatchley av.
Langley, W. C., So. *a* 22 College st.
Langlois, F. M., Jr. *l* Milford
Langzettel, G. H., Ass't. (p. 27) (Art School) 725 Whitney av.
LaPierre, L. F., Sr. *m* 404 Crown st.
Lark, C. T., Mid. *l* 527 P.
Larson, A. R., Sr. *d* 25 E. D.
Larson, J., *g* 149 St. John st.
Lathrop, W. G., Res. Lic. *d* North Haven
Latimer, C. M., So. *a* 130 F.
Latting, E., Fr. *a* 242 York st.
Lauber, J. E., Jr. *l* 112 St. John st.
Laubin, F. W., Jr. *s* 295 York st.
Lauder, G., Jr. *g* 131 Grove st.
Lavalaye, J. P., 2 *m* 370 Congress av.
Law, J. M., *g* New Britain
Lawrance, C. W., Fr. *a* 217 York st.
Lawrence, D. B., Sr. *a* 331 WH.
Laws, H. L., Jr. *a* 60 V.
Lay, W. S., Sr. *m* 560 Winthrop av.
Leach, C. P., Sr. *d* 8 E. D.
Leach, G. S., So. *a* 176 F.
Leal, H. W., Jr. *s* 117 Wall st.
Lear, G., 2d, Jr. *a* 377 WH.
Learned, H. B., Instr. (pp. 26, 235) 208 St. Ronan st.
Leavell, E. S., Jr. *a* 299 York st.
Leavenworth, C. S., Jr. *s* Whitneyville
Lee, B. H., Jr. *a* 146 Lamberton st.
Lee, R. R., Sr. *s* 96 Wall st.
Lehman, E. H., Jr. *a* 270 L.
Leidigh, P. J., Sr. *a* 376 WH.
Leonard, C. A., Fr. *a* 213 York st.
Leonard, G. E., So. *a* 152 F.
Leston, M. E., *mus.* 36 Cassius st.
Leverich, H. S., Sr. *s* 90 Wall st.
Levering, R. M., Spec. *s* 131 Grove st.
Levey, C. B., Sr. *s* 133 College st.
Levvy, H. LaM., Fr. *s* 397 Temple st.
Lewenthal, B. F., *mus.* Hartford

Lewis, A. H., Fr. *a* 544 P.
Lewis, A. M., *mus.* Plantsville
Lewis, C. M., Prof. (p. 21, 98, 263) (133 F.) 158 Whitney av.
Lewis, D. P., So. *a* 1076 Chapel st.
Lewis, E. C., Sr. *a* 412 B.
Lewis, E. R., Jr. *l* 149 College st.
Lewis, E. S., Jr. *m* 219 York st.
Lewis, K. L., *mus.* 121 Park st.
Lewis, W. C., Sr. *s* 133 College st.
L'Hommedieu, C. H., So. *a* 266 L.
Light, G. D., Sr. *a* 52 E. D.
Lilley, W. A., Jr., Fr. *s* 311 York st.
Lincoln, G. G., Jr. *a* 332 WH.
Lincoln, R. A., Jr. *a* 300 W.
Lincoln, R. C., Sr. *s* 132 Wall st.
Lindenberg, G. W., Jr. *a* 337 WH.
Lindenberg, P., So. *a* 22 College st.
Lindenberger, E. H., Sr. *a* 2 V.
Lindley, C. A., Fr. *a* 248 York st.
Lindsley, C. A., Prof. (p. 15) 15 Elm st.
Lines, E. M., Fr. *s* 221 Wooster st.
Linsly, W. W., Sr. *a* 299 W.
Linthicum, P. H., Sr. *a* 354 WH.
Linxweiler, J. J., Jr. *l* So. Norwalk
Lippincott, C. M., Sr. *d* 23 E. D.
Littlefield, C. W., So. *a* 149 F.
Littlejohn, A., *mus.* Norwalk
Littlejohn, P. D., Ass't. (p. 29) 312 Elm st.
Livingston, B. U., Jr., Fr. *a* 529 P.
Locke, J., Instr. (pp. 26, 272) 395 St. Ronan st.
Lockwood, C. D., Jr. *l* 143 St. John st.
Lockwood, E. H., Instr. (p. 25) 79 Division st.
Lockwood, F., So. *a* 237 D.
Lockwood, G. R., Sr. *d* 94 W. D.
Lockwood, H. DeF., Sr. *m* 11½ Park st.
Loeb, J. A., Jr. *m* 200 Franklin st.
Loeb, M. C., Fr. *s* 129 St. John st.
Lonergan, A., Mid. *l* Bridgeport
Long, A. C., So. *a* 162 F.
Longwell, R., Fr. *a* 1081 Chapel st.
Loomis, J. L., Sr. *a* 378 WH.
Loomis, M. F., *f* 79 Cottage st.
Lord, H. G., Fr. *a* 563 P.
Lord, T., Fr. *s* 110 Wall st.
Lothrop, D. B., Sr. *d* 17 E. D.
Loudenslager, H. H., Fr. *a* 237 York st.
Lounsbery, B. A. H., Jr. *s* 147 Bradley st
Lounsbury, G. E., Fellow Hartford
Lounsbury, T. R., Prof. (pp. 161, 261) 22 Lincoln st.
Love, H. K., Fr. *a* 593 P.
Lovejoy, A. P., Jr., Fr. *a* 580 P.
Lovell, G., *g* A.
Lovell, G. B., Sr. *a* 408 B.
Low, B. R. C., Fr. *a* 9 V.
Low, E. I., Jr. *a* 9 V.
Lowe, H. O., Jr. *l* 1151 Chapel st.
Luce, E. M., Jr., Fr. *a* 231 York st.
Lucker, H., Sr. *s* 130 Wall st.
Ludington, A. C., Jr. *a* 60 V.
Ludington, N. A., Jr., Sr. *m* 316 Crown st.
Luquiens, F. B., *g* Paris, France
Luquiens, H. M., Jr. *a* 333 WH.
Luscher, J. S., Jr. *l* 56 Whalley av.
Luther, C. M., Sr. *s* 53 Beers st.
Luther, W. B., Jr. *a* 294 W.
Lutz, A. R., *g* 121 W. D.
Lyman, A. R., 1 *m* 330 Crown st.
Lyman, E. W., Grad. *d* Halle, Germany
Lyon, R. B., *mus.* 395 Crown st.
Lyon, T. W., 2 *m* 254 Crown st.
Lyon, W. A., So. *a* 175 F.
Lyon, W. L., Jr. *a* 393 B.
Lyons, H. P., Jr. *l* Bridgeport
Lyons, R., So. *a* 293 W.
Mabee, G. W., Jr. *s* 96 Wall st.
McAllister, C. N., Ass't. (p. 27) 33 Lake pl.
McAuley, H. S., Sr. *a* 1151 Chapel st.
McAvoy, T. A., Jr. *a* 114 N.
McBeath, W., *f* Edgewood av.
McCabe, E. M., Ass't. (p. 25) 224 Orange st.
McCall, J. O., Sr. *a* 236 D.
McCandless, T., Jr. *d*, *g* 45 E. D.
McCarthy, W. B., Mid. *l* 133 Dwight st.
McClean, A. M., Fr. *a* 532 P.
McClenahan, F. M., *g* 22 Whalley av.
McClintock, H. C., So. *a* 230 D.
McClure, C. T., Sr. *l* 1057 Whalley av.
McClurg, O. T., Jr. *s* 111 Grove st.
McCord, D., Sr. *a* 49 V.
McCormac, E. I., *g* 27 Sylvan av.

McCormick, R. R., So. *a* 1076 Chapel st.
McCreath, L., Sr. *s* 82 Wall st.
Macdonald, G. S., Fr. *s* 1151 Chapel st.
McDonald, I., So. *a* 163 F.
Macdonald, J. H., Jr. *l* Ansonia
MacDonald, J. J., 1 *m* 516 Howard av.
McDonald, T. D., *g* A.
McDonnell, R. A., Instr. (p. 26) 1142 Chapel st.
McDonough, J. P., So. *a* 38 Hallock st.
McDonough, L. R., 1 *m.* 332 York st.
MacDougall, L., Mid. *l* 83 Elm st.
McDowell, H. G., Jr. *a* 36 V.
McDowell, J. C., Jr. *a* 36 V.
MacDuffee, C. B., Jr. *d* 109 W. D.
McFadon, R. B., Sr. *a* 58 W. D.
McGinley, T. A., Sr. *s* 131 Grove st.
McGrath, J. F., Mid. *l* 297 George st.
McGregor, A. E., Fr. *s* 55 Prospect st.
MacGuffey, K. R., Fr. *a* 568 P.
MacInnes, J. C., *g*, Res. Lic. *d* 110 W. D.
McIntosh, E. F., Ass't. (p. 29) 192 York st.
Mackay, N. M., Fr. *s* 419 Temple st.
McKee, D. R., Jr., So. *a* 22 College st.
McKelvy, J. S., Jr., Jr. *a* 345 WH.
McKenzie, A. L., Mid. *d* 20 E. D.
Mackenzie, C., So. *a* 1076 Chapel st.
McKenzie, K., Instr. (pp. 22, 90) 67 Mansfield st.
McKesson, D., So. *a* 250 Crown st.
McKnight, R. L., So. *a* 22 College st.
MacLane, D. B., So. *a* 139 F.
MacLean, C., Sr. *a* 322 W.
MacLean, H. C., So. *a* 486 B.
MacLean, M. E., *g* 83 Grove st.
McMahon, J. H., Jr. *l* Bridgeport
McMurtrie, J. A., Fr. *s* 128 High st.
Macneale, N., Jr. *s* 17 Hillhouse av.
McNierney, F., Spec. *l* 1076 Chapel st.
McQueen, A. S., Sr. *m* 11½ Park st.
McWilliams, A. F., Fr. *s* 1187 Chapel st.
Maher, T. F., Sr. *m* 133 Nash st.
Mahoney, J. G., 2 *m* 543 Howard av.
Mailhouse, Max, Lecturer (p. 24) 151 Meadow st.
Maize, B. F., Sr. *l* 1098 Chapel st.
Makepeace, F. B., Jr., Sr. *a* 382 WH.
Makino, T., Mid. *d* 44 E. D.
Malcolm, W. D., Jr. *s* 33 Bishop st.
Malley, J. F., Jr. *l* 130 Wall st.
Malone, W. J., Grad. *l* 36 Hallock st.
Malony, F. F., Sr. *m* 1157 Chapel st.
Maltbie, W. M., Sr. *a* 247 L.
Mandeville, J. N., Jr. *a* 95 S. M.
Manierre, A., So. *a* 131 F.
Manierre, A. E., Jr. *a* 272 L.
Manierre, L., Sr. *a* 285 W.
Mann, P. F., So. *a* 22 College st.
Manship, W. S., *g* So. Meriden
Marckwald, A. H., Sr. *a* 21 V.
Marcus, B. J., Jr. *l* 279 Crown st.
Mariani, J. W., Sr. *l* 114 Olive st.
Marsh, T. McC., Fr. *a* 545 P.
Marshall, M. L., So. *a* 145 F.
Marshall, S., Fr. *s* 90 Wall st.
Marshall, W., Mid. *l* 56 W. D.
Marshall, W. C., Instr. (pp. 26, 122) 355 Willow st.
Marston, R. L., *g*, *for.* 360 Prospect st.
Martin, H. C., Jr. *s* 1 Hillhouse av.
Marvin, G. O., Sr. *l* 63 W. D.
Mason, C., Fr. *a* 213 York st.
Mason, F. G., Sr. *a* 343 WH.
Mason, F. T., Jr. *a* 345 WH.
Mason, L., Fr. *a* 553 P.
Mason, Macdonell, So. *a* 151 F.
Mason, Maurice, Sr. *a* 178 LYC.
Mason, N. H., Jr. *a* 325 W.
Mason, R. M., Jr. *a* 43 V.
Mather, H. O., Jr. *a* 107 N.
Mather, W. L., *g* 247 St. Ronan st.
Mathews, J. H., Jr. *l* 333 York st.
Mathewson, C. H., Jr. *s* Milford
Matsumoto, M., Sr. *d* 89 W. D.
Matsumoto, S., *g* 363 Crown st.
Mautte, J., Engineer (p. 32) Dudley st., Highwood
Maxwell, F. M., Fr. *a* 363 WH.
May, G. A., Ass't. (p. 31) GYMN.
Maynard, C., Sr. *a* 269 L.
Maynard, F. E., Jr. *s* 17 Hillhouse av.

Mayser, C. W., Ass't. (p. 32) GYMN.
Mead, H. S., Jr. *a* 305 W.
Meech, H. M., Fr. *a* 9 Library st.
Meeks, E. V., Sr. *a* 22 College st.
Meier, D. I., Fr. *a* 238 York st.
Melczer, R. H., So. *a* 1076 Chapel st.
Mellen, G. K., Jr. *a* 55 V.
Mendel, L. B., Ass't. Prof. (pp. 21, 275) (63 B. L.) 18 Trumbull st.
Mendell, C. W., Fr. *a* 309 Edgewood av.
Mendoza, A., Fr. *s* 226 York st.
Menge, G. A., Jr. *s* 67 Howe st.
Menton, M. F., Jr. *s* Derby
Mercer, J. B., Jr. *l* 1151 Chapel st.
Merriam, C. W., Sr. *d* 111 York st.
Merriam, H. F., Ass't. (p. 30) 162 S. L.
Merrill, P. McL., Jr. *a* 160 F.
Merrill, R. M., Fr. *a* 9 Library st.
Merriman, E. DeW., *g* 154 Elm st.
Merriman, G. M., Fr. *a* 311 York st.
Merriman, M. H., Sr. *a* 370 WH.
Merriman, T. H., Fr. *a* 333 York st.
Merritt, A. J., Sr. *l* Bridgeport
Merritt, A. K., Registrar (p. 22) (135 Elm st.) 53 V.
Metcalf, H. G., Fr. *a* 250 York st.
Metzger, F. J., *g* 10 Ashmun st.
Metzger, W. G., So. *a* 22 College st.
Meyer, B. Q., Fr. *a* 255 L.
Meyer, Charles C., Jr. *a* 183 LYC.
Meyer, Christian, Jr., Jr. *a* 95 S. M.
Meyer, J. E., Jr. *s* 1 Hillhouse av.
Meyer, S. T., Jr. *l* 381 Crown st.
Meyer, W. E., Sr. *a* 52 V.
Mikami, K., *g* 6 Trumbull st.
Millar, W. R., Fr. *a* 333 York st.
Miller, C. D., Jr. *a* 294 W.
Miller, C. G., Sr. *s* 133 College st.
Miller, Herbert C., Fr. *a* Yale Mission
Miller, Hiram, Sr. *s* 114 High st.
Miller, J. E., Fr. *a* 542 P.
Miller, J. M., Fr. *a* 7 Library st.
Miller, M. P., Jr. *a* 225 D.
Miller, R. H., *g* 133 Wall st.
Mills, A., *mus.* 56 Whalley av.
Mills, A. J., Fr. *s* 407 Temple st.
Mills, C. E., *g* 38 Mansfield st.
Mills, H. E., So. *a* 165 F.
Mills, J. L., Sr. *a* 178 LYC.
Mills, L. A., Fellow Hartford
Minor, H. C., Jr. *s* 1151 Chapel st.
Minor, J. B., So. *a* 22 College st.
Minturn, J. W., Fr. *a* 203 York st.
Mitchell, C. T., Sr. *s* 57 Prospect st.
Mitchell, P. L., Sr. *a* 33 V.
Mitchell, R. D., Jr. *s* 1 Hillhouse av.
Mitchell, S. K., *g* 122 Wall st.
Mitchell, W. L., Fr. *a* 233 York st.
Mixter, W. G., Prof. (pp. 17, 270) (160 S. L.) 144 Edwards st.
Miyake, I., *g* 120 W. D.
Moffat, D. M., So. *a* 1076 Chapel st.
Mohlman, G. A., Fr. *a* 250 York st.
Mohr, P. M., Sr. *a* 371 WH.
Mold, H. J., Fr. *s* 78 William st.
Moninger, H. H., Sr. *d* 31 E. D.
Montgomery, G. R., Lecturer (pp. 27, 226) 84 W. D.
Montgomery, P., Grad. *l* 69 Church st.
Moodie, W. C., Sq. *a* 82 S. M.
Moody, P. D., Sr. *a* 358 WH.
Moody, S. E., *g* 102½ Park st.
Moore, C. A., Jr., So. *a* 155 Elm st.
Moore, C. Earl, Fr. *s* 425 Temple st.
Moore, C. Everett, Fr. *a* 154 F.
Moore, E. S., Fr. *s* 391 Temple st.
Moore, F. W., So. *a* 22 College st.
Moore, J. D., Jr. *m* 223 Grand av.
Moore, M., Jr. *a* 353 WH.
Moorhead, J. A., Fr. *a* 254 York st.
Moorhead, R. W., Jr. *a* 272 L.
Moran, F. J., Jr. *s* 114 High st.
Morgan, D. H., So. *a* 22 College st.
Morgan, G., Fr. *s* 104 Wall st.
Morgan, W. G. D., Sr. *a* 61 V.
Morison, B., Jr. *a* 47 V.
Morrell, J. G. DeW., *g* 117 Wall st.
Morrill, J. P., Sr. *m* 333 York st.
Morris, E. P., Prof. (pp. 18, 107, 250) 53 Edgehill road
Morris, G. B., Fr. *s* 116 College st.
Morris, H. E., Jr., *a* 408 Crown st.
Morris, R., Sr. *a* 335 WH.
Morris, R. C., Instr. (p. 26) 767 5th av., N. Y. City
Morse, I. L., *f* Meriden
Morse, J. M., Fr. *s* 204 York st.
Morse, O. C., *g* A.
Moseley, S. H., 2d, Fr. *a* 566 P.
Moser, O. A., Jr. *m* 280 Elm st.
Moss, B. C., Sr. *s* 1151 Chapel st.
Mott, R., Sr. *a* 371 WH.
Motter, J. B., So. *a* 1076 Chapel st.
Moul, H., Spec. *l* 1151 Chapel st.

Moulthrop, A. M., *mus.* 620 Orange st.
Moulton, J. R., So. *a* 144 F.
Moulton, W. J., Instr. (pp. 25, 110, 239) (13 E. D.) 191 Bradley st.
Mulford, F. B., Fr. *a* 172 F.
Mulford, G. H., Fr. *a* 172 F.
Mulford, T. W., Sr. *a* 376 WH.
Mullen, A. D., So. *a* 433 Howard av.
Munger, T. T., Fellow New Haven
Munro, James, Carpenter (88 High st.) 88 Lake pl.
Munson, C. L., Lecturer (p. 24) Williamsport, Pa.
Munson, E., Fr. *a* 328 W.
Munson, G. S., Fr. *a* 328 W.
Munson, M. J., *f* 389 Whitney av.
Munson, W. S., Fr. *a* 227 D.
Murphry, G. G., Jr. *a* 121 W. D.
Murphy, H. J., Fr. *a* 179 Blatchley av.
Murphy, J. J., 1 *m.* 42 York st.
Myers, G. H., *g* 360 Prospect st.
Myers, I. T., *g* 25 Whalley av.
Myers, L. P., Sr. *s* 111 Grove st.
Myers, M. C., Spec. *s* 4 Jefferson st.
Mygatt, A. B., Jr., Sr. *s* 88 Wall st.
Myrick, O. H., Sr. *l* 31 Audubon st.
Nadler, A. G., Ass't. (p. 27) 122 Olive st.
Nagel, H. H., Fr. *s* 363 Orchard st.
Nakaseko, R., *g* 20 Whalley av.
Nathanson, S. J., Mid. *l* 33 York st.
Nead, B. F., Sr. *l* 114 High st.
Nead, R. H., Fr. *a* 120 High st.
Neal, H. C., Sr. *a* 287 W.
Neal, R. W., *g* 497 Winthrop av.
Neece, J. H., Sr. *l* 137 Dwight st.
Neergaard, A. E., Fr. *a* 577 P.
Nelson, I., Jr. *l* 59 Prospect st.
Nesmith, R. H., So. *a* 223 D.
Nettleton, G. H., Instr. (p. 28) 79 Wall st.
Neumann, J., *mus.* Westville
Nevin, T. H., Fr. *s* 419 Temple st.
Nevins, F. W., Jr. *a* 383 B.
Nevins, R. H., Sr. *a* 356 WH.
Newcomb, C. S., Sr. *s* 111 Grove st.
Newell, A. J., Jr. *s* 96 Wall st.
Newell, D. H., Jr. *a* 106 N.
Newell, F. H., Lecturer (p. 25, 314) Washington
Newell, M. H., Jr. *l* 39 Lynwood st.
Newhall, A. M., So. *a* 206 D.
Newman, S., Jr. *a* 270 L.
Newmyer, T. D., Jr. *l* 64 High st.
Ney, P. S., Fr. *a* 75 S. M.
Nicholas, R., Fr. *s* 135 College st.
Nichols, F. M., *mus.* Nichols
Nichols, G. E., Fr. *a* 50 Howard av.
Nichols, H. J., *g* 333 York st.
Nichols, J. K., So. *a* 205 D.
Nicholls, M. E., *mus.* 418 George st.
Niemeyer, J. H., Prof. (p. 16, 112, 228) (8 Art School) 284 Orange st.
Niles, W. A., Jr. *l* 374 Lenox av.
Nilsen, A., Fr. *a* 333 York st.
Nisbet, R. B., Jr. *a* 311 York st.
Nisbet, W. C., Jr. *s* 311 York st.
Nixon, W. P., Jr., So. *a* 143 F.
Norman, E. G., Jr. *a* 101 N.
Norman, H. R., Sr. *l* 1010 Chapel st.
North, H. B., Sr. *s* 1399 Chapel st.
Northrop, E. C., Fr. *a* 548 P.
Norton, C. A., Fr. *s* 47 York sq.
Norton, D. S., Jr. *s* 96 Wall st.
Norton, E. S., *f* Wallingford
Norton, J. P., *g* 563 Orange st.
Norton, R. C., Jr. *a* 16 V.
Notkins, L. A., Jr. *m* 252 Cedar st.
Noyes, DeW. C., Sr. *a* 3 V.
Noyes, G. W., Jr. *a* 25 V.
Nugent, B., Jr., Fr. *s* 411 Temple st.
Obear, J. J., Spec. *s* 130 Wall st.
O'Brien, A., *mus.* 101 Hill st.
O'Brien, T. A., Jr. *m* 230 Oak st.
O'Donnell, J. V., Fr. *s* 30 Ward st.
O'Donnell, M. J., Jr. *s* Ansonia
Oertel, H., Prof. (pp. 21, 108, 248) 2 Phelps Hall
Ogden, A. T., So. *a* 217 D.
Ogilvie, J. S., Jr., Sr. *s* 17 Hillhouse av.
Oglesby, W. D., Jr. *s* 133 College st.
Ohara, H. S., *g* 373 Crown st.
Oille, J. D., Sr. *s* 8 Prospect pl.
O'Keefe, T. A., Fr. *s* 817 Orange st.
Olcott, H. P., Sr. *a* 219 D.
Olcott, M., Fr. *a* 561 P.
Olds, F. A., Jr. *s* 132 Wall st.
Oliver, A. K., So. *a* 22 College st.
Olmsted, A. H., Fr. *a* 217 York st.
Olmsted, J., Fr. *a* 525 P.
Olsen, J., *g* 159 Elm st.
Olson, C. H., *g* 59 Prospect st.
Olson, J. H., Jr. *l* 159 Elm st.
Omwake, G. L., Sr. *d* 14 E. D.
O'Neil, C., Fr. *s* 419 Temple st.

O'Neill, D. L. J., So. *a* 96 S. M.
Opitz, H. M., *g* 22 Whalley av.
Orlady, F. L., Fr. *a* 245 L.
O'Rourke, J. S., Jr. *l* Bridgeport
Orthwein, W. R., So. *a* 1076 Chapel st.
Orwig, E. L., Jr., Jr. *a* 121 N.
Osborn, H. M., Bursar (p. 32) (1 Phelps) 406 Orange st.
Osborne, O. T., Prof. (p. 20) 252 York st.
Osgood, C. G., Jr., Tutor (p. 23) 2 University pl.
Osgood, D. A., Fr. *s* 332 Temple st.
Ostby, E. C., So. *a* 22 College st.
Ostrom, C. B. C., Fr. *a* 592 P.
O'Sullivan, E. T., Mid. *l* 83 Elm st.
Overall, J. H., Jr., Spec. *s* 22 College st.
Overlander, C. L., Sr. *s* 378 Crown st.
Overlander, R .M., *g* 378 Crown st.
Oviatt, L. P., *mus.* Milford
Owen, C. H., Jr. *a* 106 N.
Owen, G. W., Jr. *d* 264 Peck st.
Packer, A. D., Jr. *a* 91 W. D.
Page, C. A., *mus.* East Haven
Pagter, J. J., 2 *m* 133 Dwight st.
Paine, E. S., Fr. *a* 522 P.
Palmer, A. H., Prof. (pp. 19, 94, 259) 251 Lawrence st.
Palmer, A. R., Sr. *a* 85 W. D.
Palmer, C. R., Fellow New Haven
Palmer, E. H., *g* 134 Howe st.
Pape, R. G., Sr. *a* 40 Lake pl.
Park, J. A., *g* Plainville
Park, M. I., *g* Plainville
Parker, E. P., Fellow Hartford
Parker, H. W., Prof. (pp. 20, 124, 288) (3 TR.) 162 Prospect st.
Parker, J. A., Sr. *a* 204 D.
Parker, M. K., Sr. *a* 240 D.
Parker, R. H., Fr. *s* 561 Quinnipiac av.
Parker, T. E., Jr., 1 *m* 111 Dwight st.
Parkhurst, G. G., Fr. *a* 293 York st.
Parks, G. E., Fr. *a* 242 York st.
Parks, R., Jr., Sr. *s* 17 Hillhouse av.
Parr, G. H., Fr. *a* 229 D.
Parrish, G. F., Fr. *a* 250 York st.
Parsons, C. S., So. *a* 211 D.
Parsons, H. C., Jr. *s* 55 Prospect st.
Parsons, Herbert, *g* A.
Parsons, R. W., Sr. *a* 61 V.
Paterson, S., 2 *m* 341 Crown st.
Patterson, J. M., Sr. *a* 289 W.
Patterson, J. T., Jr., Fr. *a* 119 Wall st.
Patterson, R. D., Fr. *s* 393 Temple st.
Patton, H. J., Jr. *l* 1151 Chapel st.
Patton, W. M., Instr. (pp. 26, 110, 239) 37 Lynwood st.
Pearce, C. G., Sr. *a* 346 WH.
Pearce, H., Jr., Sr. *s* 133 College st.
Pease, H. H., Jr. *s* 131 Grove st.
Peasley, J. A., Jr. *l* 91 Clark st.
Peck, C. K., Sr. *s* 22 College st.
Peck, E. D., Fr. *a* 86 S. M.
Peck, R. E., Instr. (p. 26) 56 Howe st.
Peck, T., Prof. (pp. 16, 106, 246) 124 High st.
Peckham, W.H., 2d, So. *a* 22 College st.
Peirce, A. G., Jr. *a* 146 F.
Pelton, V., *f* Middletown
Peltz, W. L. L., Fr. *a* 586 P.
Pendleton, C. E., Jr. *m* 381 George st.
Penfield, S. L., Prof. (pp. 19, 265, 313) (2 M.) 46 Mansfield st.
Penny, W. A., Sr. *a* 283 W.
Perin, O., Fr. *s* 419 Temple st.
Perkins, F. E., Sr. *s* 17 Hillhouse av.
Perkins, G. W., Jr., Jr. *s* 110 Wall st.
Perkins, H. A., *g* 128 Wall st.
Perkins, J. D., Jr., So. *a* 1076 Chapel st.
Perrin, B., Prof. (pp. 17, 85, 105, 245) (136 F.) 463 Whitney av.
Perry, J. W., Sr. *a* 22 College st.
Perry, W. H., Sr. *a* 114 N.
Perry, W. W., 2 *m* 120 York st.
Peters, C. A., Ass't. (p. 29) Kent Lab'y.
Peters, G. W., Jr., Jr. *s* 1 Hillhouse av.
Peters, H. A., Jr. *a* 107 N.
Petry, H. S., Fr. *a* 7 Library st.
Pettis, H. H., Jr. *l* 22 Whalley av.
Pettit, C. E., Sr. *a* 22 Whalley av.
Pettit, R. W., *g* 120 York st.
Phelps, B. J., Jr. *a* 127 N.
Phelps, C. D., Instr. (p. 25) 472 Orange st.
Phelps, C. S., Sr. *s* 114 High st.

Phelps, H. B., Clerk (p. 32) 67 Dwight st.
Phelps, I. K., Instr. (pp. 27, 115, 273) (Kent Lab'y.
Phelps, W. I., Jr. *s* 120 High st.
Phelps, W. L., Ass't. Prof. (pp. 21, 100, 263) (70 S. M.) 44 High st.
Phillips, A. W., Prof. (pp. 18, 119) (90 High st.) 209 York st.
Phillips, F. E., 2 *m* 10 Sylvan av.
Phillips, F. L., Jr. *s* 389 Orange st.
Phillips, I. G., Jr. *a* 353 WH.
Pickands, J. M., Jr. *a* 383 B.
Pickett, E. S., Sr. *l* 140 Sylvan av.
Pickett, S. B., *mus.* Seymour
Pierce, A. H., *f* 40 Whalley av.
Pierce, B. A., So. *a* 22 College st.
Pierce, F. E., Fr. *a* 40 Whalley av.
Pierce, H. W., Jr. *a* 59 W. D.
Pierpont, J., Prof. (pp. 21, 123, 281) 42 Mansfield st.
Pierson, C. W., Instr. (p. 25) 120 Broadway, N. Y. City
Pike, R. A., Sr. *s* 789 Orange st.
Pinchot, G., Lecturer (pp. 25, 317) Washington
Pinkerman, H. C., Mid. *l* Bridgeport
Pinney, C. C., Fr. *s* 395 Temple st.
Pirsson, L. V., Prof. (pp. 20, 267, 314) (9 M.) 137 Wall st.
Pitzipio, G. O., Fr. *s* 393 Temple st.
Platt, H. R., Fr. *a* 293 York st.
Platt, O. W., Mid. *l* Milford
Platt, W. W., Jr. *a* 90 Whalley av.
Pleadwell, W. B., Jr. *l* 516 Howard av.
Plumb, W. L., 1 *m* Milford
Plummer, H. A., So. *a* 18 College st.
Podall, H. C., 1 *m* 189 Meadow st.
Pomeroy, H. B., So. *a* 407 B.
Pond, E. LeR., Fr. *a* 90 Park st.
Pond, L. B., Jr. *a* 142 F.
Porteous, J. B., Fr. *s* 407 Temple st.
Porter, A. K., Fr. *a* 255 L.
Porter, F. C., Prof. (pp. 19, 241, 329) (11 E. D.) 266 Bradley st.
Porter, G. F., So. *a* 22 College st.
Porter, M. B., Instr. (pp. 22, 120, 282) 218 Mansfield st.
Potter, C., Sr. *a* 20 V.
Potter, H., So. *a* 22 College st.
Potter, N. R., Jr. *s* 110 Wall st.
Potter, R., Jr. *a* 248 L.
Potwin, T. D., Jr. *a* 93 S. M.
Powell, S. D., Sr. *a* 27 Wooster pl.
Powning, W. G., Fr. *a* 104 Sherman av.
Pratt, A., Jr. *g* Bridgeport
Pratt, C. F., So. *a* 274 L.
Pratt, N. T., 2 *m* Bridgeport
Prentice, S. O., Instr. (p. 24) Hartford
Price, O. C., Jr. *l* 67 Howe st.
Price, W. B., Jr. *s* 291 York st.
Prindle, H., Fr. *s* 397 Temple st.
Prior, E. H., Fr. *s* 413 Temple st.
Pritchard, R. A., Jr. *a* 374 WH.
Pritchard, W. S., Sr. *a* 374 WH.
Procter, R., Fr. *s* 152 Grove st.
Pulman, O. S., Jr., Ass't. (p. 30) Kent Lab'y.
Punderford, J. C., Spec. *s* 17 Hillhouse av.
Putnam, J. F., So. *a* 521 P.
Putnam, J. O., 2d, So. *a* 109 N.
Putnam, W. D., Jr. *s* 131 High st.
Quinby, C. N., Fr. *a* 85 S. M.
Quinlan, E. S., *mus.* 35 Lynwood st.
Quittmeyer, E. M., *g* Bridgeport
Rafferty, C. D., Fr. *s* 419 Temple st.
Rall, E. E., *g* 224 Oak pl.
Ralph, E. A., Jr. *d* 276 Peck st.
Ralph, P. H., Sr. *d* 276 Peck st.
Ralph, W. J. C., Sr. *d* 276 Peck st.
Ramsay, O. G., Prof. (p. 21) 28 Elm st.
Rand, L. B., Jr. *a* 309 W.
Randall, D. L., Fr. *a* 359 WH.
Rankin, H., So. *a* 164 F.
Rathbun, W. L., 2 *m* 1161 Chapel st.
Rawlins, W. T., Sr. *l* 64 High st.
Raymond, F. W., Mid. *d* 99 W. D.
Read, H. H., Sr. *s* 90 Wall st.
Read, R. W., Fr. *s* 90 Wall st.
Recknagel, A. B., Fr. *a* 159 Elm st.
Redington, B. A., Fr. *a* 120 College st.
Reed, E. B., Instr. (pp. 22, 99) 351 WH.
Reed, K. C., Jr. *a* 409 B.
Reed, L. P., Fr. *a* 567 P.
Rees, J. E., Jr. *d* 35 E. D.
Reeves, S. J., Jr. *s* 1 Hillhouse av.
Reichel, F., 1 *m* 1002 Chapel st.
Reid, G. H., Sr. *s* 128 High st.
Reid, O. M., Fr. *a* 327 W.
Reider, C., Jr. *l* 299 York st.

Reiley, E. B., Mid. *l* 297 George st.
Reilly, J. J., So. *a* 98 N.
Renick, A. M., Fr. *a* 600 P.
Resor, S. B., Sr. *a* 138 F.
Rettger, L. F., *g* 118 W. D.
Reynolds, B., Spec. *s* 126 High st.
Reynolds, D., Jr. *a* 21 E. D.
Reynolds, G. V., Sr. *a* 340 WH.
Reynolds, H. M., Prof. (pp. 19, 104, 247) 38 V.
Reynolds, H. S., Jr. *a* 10 V.
Reynolds, H. W., Fr. *a* 9 Library st.
Reynolds, J. W., So. *a* 22 College st.
Reynolds, P. B., Fr. *a* 560 P.
Rhoads, S. W., So. *a* 22 College st.
Rhoda, G. I., Jr. *a* 93 S. M.
Rhodes, J. F., So. *a* 245 L.
Rice, C. B., Ass't. (p. 27) 56 N. S. H.
Rice, E. C., Jr., Sr. *a* 68 V.
Rice, H. I. B., Fr. *a* 108 High st.
Rice, J., Fr. *a* 250 York st.
Rice, J. P., *g* 36 E. D.
Rice, M. W., Jr. *s* 110 Wall st.
Rich, R. J., Fr. *a* 248 York st.
Richards, C. B., Prof. (pp. 16, 122, 284) (111 WINCH.) 137 Edwards st.
Richards, E. L., Prof. (pp. 16, 120, 286) (118 N.) 315 York st.
Richards, G. H., So. *a* 281 L.
Richardson, A. H., Sr. *a* Dwight Hall
Richardson, M. B., Jr., Jr. *a* 65 V.
Richardson, O. H., Ass't. Prof. (pp. 21, 86, 234) 384 Whitney av.
Richardson, R. K., *g* 384 Whitney av.
Richardson, R. R., Sr. *a* 62 V.
Richmond, L. M., Fr. *s* 113 Wall st.
Rightmire, H. A., So. *a* 98 N.
Riley, J. M., Fr. *a* 514 George st.
Riley, K. P., *f* 281 Willow st.
Riley, N. S., Fr. *a* 170 York st.
Ripley, A. L., Fellow Andover, Mass.
Ripley, J. A., *g* A.
Risley, E. H., Jr. *a* 218 D.
Risteen, A. D., *g* Hartford
Roach, S. G., Fr. *a* 241 L.
Robbins, A. N., Fr. *s* 124 Wall st.
Robbins, E. D., Prof. (p. 18) Hartford
Robbins, F. O., Instr. (p. 28) 341 Winthrop av.
Robbins, H. M., Jr. *a* 27 V.
Roberts, C. A., Jr. *a* 105 N.
Roberts, G., Jr., So. *a* 173 F.
Roberts, P., *g*, Grad. *d* 48 E. D.
Roberts, R. T., Jr. *s* 8 Prospect pl.
Roberts, W., Res. Lic. *d* 238 Townsend av.
Roberts, W. F., Jr. *a* 313 W.
Robertson, F. A., Sr. *l* 68 Mechanic st.
Robertson, F. McD. C., Sr. *a* 6 V.
Robertson, H. R., Fr. *a* 549 P.
Robertson, T. M., Sr. *a* 240 D.
Robinson, H. H., *g* 333 York st.
Robinson, J. R., So. *a* 22 College st.
Robinson, M. H., Instr. (pp. 21, 81, 231) 569 George st.
Rockwell, J., Fr. *a* 582 P.
Rogers, A. M., 1 *m* 370 George st.
Rogers, Chas. E., Jr., Sr. *a* 249 L.
Rogers, Cleveland, So. *a* 266 L.
Rogers, G., Jr. *d* 43 E. D.
Rogers, Henry A., Jr. *a* 92 W. D.
Rogers, Homer A., Fr. *s* 128 High st.
Rogers, H. P., Jr., Jr. *a* 324 W.
Rogers, H. W., Lecturer (pp. 24, 84) 413 Orange st.
Rogers, R. E., Sr. *a* 64 V.
Ronayne, F. J., 2 *m* Bridgeport
Roome, W. J., Jr., So. *a* 209 D.
Rooney, J. F., 2 *m* 543 Howard av.
Root, H. I., So. *a* 58 Grove st.
Root, R. K., Instr. (p. 13) 58 Grove st.
Root, V. H., Jr. *l* Bridgeport
Roraback, A. E., Jr. *a* 258 L.
Roraback, J. C., So. *a* 258 L.
Rosenberg, S. C., Jr. *l* 736 Orange st.
Rosenbluth, L. M., Sr. *s* 101 William st.
Rosenthal, A. J., So. *a* 1076 Chapel st.
Rossiter, L., Fr. *s* 405 Temple st.
Rowell, C. F., So. *a* 137 F.
Rowland, W. E., Cashier (p. 32) (5 TR.) 227 Sherman av.
Rowley, R. L., 2 *m* 120 York st.
Rubsamen, F. R., Jr. *s* 96 Wall st.
Rudd, C. E., Sr. *s* 114 High st.
Ruickoldt, A. C., 1 *m* 71 Olive st.
Rumsey, B. C., 3d, Jr. *a* 309 W.
Rundel, W. F., Fr. *a* 85 S. M.
Rungee, W. C., Jr. *l* 5½ Redfield st.
Runk, L. B., *g* A.
Runkle, D., Fr. *s* 133 College st.

Runyon, C. L., Jr. *s* 133 College st.
Runyon, W. N., *g* A.
Rupp, N. N., Fr. *a* 250 York st.
Rusher, J. D., Sr. *l* 64 High st.
Russ, C. C., Jr. *a* 256 L.
Russ, H. C., Jr. *a* 256 L.
Russell, E. S., *f* West Haven
Russell, H. M., Jr., So. *a* 132 F.
Russell, S. L., Jr. *s* 111 Grove st.
Russell, T. H., Prof. (p. 18) 137 Elm st.
Russell, T. W., Jr., Sr. *a* 343 WH.
Ryan, F. R., Sr. *a* 379 Howard av.
Ryan, R., Jr. *a* 1081 Chapel st.
Ryerson, J. T., Sr. *s* 96 Wall st.
Ryle, J. F., Jr. *m* 139 York st.
Ryno, C. M., Sr. *m* 281 Crown st.
St.Clare, C. C., Jr. *d* 109 W. D.
St.John, S. B., Lecturer (p. 24) Hartford
Sallmon, W. H., *g*, Res. Lic. *d* 30 E. D.
Sample, N. W., Jr., Jr. *s* 119 Wall st.
Samson, C. F., Jr. *a* 37 V.
Samuel, J. J., Mid. *d* 29 E. D.
Sanders, C. C., Fr. *s* 411 Temple st.
Sanders, F. K., Prof. (pp. 20, 110, 238) 235 Lawrence st.
Sanderson, R. L., Instr. (pp. 18, 90, 256) (16 B.) 3 Huntington st.
Sandiford, A., Fr. *a* 277 Crown st.
Sands, R., Fr. *a* 1044 Chapel st.
Sanford, C. A., Jr. *a* 225 D.
Sanford, H. E., Fr. *s* 30 Dwight st.
Sanford, L. C., Ass't. (p. 26) 216 Crown st.
Sanford, S. S., Prof. (pp. 18, 126, 289) (38 College st.) Bridgeport
Sanford, W. E., Sr. *s* 54 Chambers st.
Sargent, C. E., *g* 61 Grove st.
Sargent, Z., So. *a* 173 F.
Satterlee, H., Jr. *a* 27 V.
Sattig, G. R., Jr. *l* 107 Howe st.
Saulles, J. L. de, Fr. *s* 131 Grove st.
Saunders, C. N., *mus.* Ansonia
Savage, J. A., 1 *m* Bridgeport
Sawin, J. F., Fr. *a* 1044 Chapel st.
Sawyer, H. M., So. *a* 1151 Chapel st.
Saxe, M. W., Mid. *l* 123 Lafayette st.
Saxton, E. R., Sr. *s* 114 High st.
Sayre, L. A., So. *a* 22 College st.
Scanlan, J. J., Jr. *a* 40 Gregory st.
Schaefer, K. A., Jr. *s* 8 Prospect pl.
Schenck, L. R., Fr. *a* 161 F.
Schenck, R. P., Fr. *a* 248 York st.
Schermerhorn, J. L., Sr. *s* 37 Lynwood st.
Schley, E. B., Fr. *s* 405 Temple st.
Schley, K. B., Jr. *s* 111 Grove st.
Schley, R., So. *a* 22 College st.
Schneeloch, R. H., *mus* 294 Elm st.
Schneider, A. F., Jr. *s* Montowese
Schneider, E. C., *g* 24 E. D.
Schoenberger, E. R., Fr. *s* 133 Wall st.
Schroeder, W., Jr., So. *a* 1151 Chapel st.
Schulz, C. F. F., Sr. *a* 402 B.
Schwab, G., 4th, Jr. *a* 35 V.
Schwab, J. C., Prof. (pp. 20, 81, 228) 310 Prospect st.
Schwarz, E. H., Sr. *s* 82 Wall st.
Schwill, R., Instr. (pp. 28, 264) 47 N. S. H.
Scoppa, L., Jr. *l* 150 Wallace st.
Scott, B., Fr. *a* 170 York st.
Scott, W. P., Sr. *a* 26 V.
Scovel, F. R., Fr. *s* 110 Wall st.
Scoville, C. O., *g* 162 Temple st.
Scoville, H., Sr. *a* 57 V.
Scoville, M., *g* 35 Lynwood st.
Scripture, E. W., Instr. (pp. 20, 222) (109 Elm st.) 681 Orange st.
Scudder, F. H., Fr. *a* 238 York st.
Scully, J. C., Jr. *s* 113 Wall st.
Searles, W. S., So. *a* 219 York st.
Sears, B. B., *g* 113 Howe st.
Seaver, J. W., Assoc. Director (pp. 24, 126, 289) (GYMN.) 25 Lynwood st.
Sellers, G. H., Jr. *a* 279 Crown st.
Selling, L., Fr. *a* 217 York st.
Selz, A. K., Fr. *s* 125 High st.
Senger, W., Sr. *m* 316 Crown st.
Serles, F. R., Sr. *a* 385 B.
Seymour, E. D. *f* 34 Hillhouse av.
Seymour, T. D., Prof. (pp. 17, 103, 246) (22 Phelps) 34 Hillhouse av.
Shackford, M. H., *g* 37 Howe st.
Shaffer, H., Jr. *d* 47 E. D.
Shaffrath, P., Fr. *a* 25 High st.
Shand, K. R., Fr. *a* 590 P.
Shapiro, C. H., Jr. *l* Bridgeport
Sharpe, A. H., Jr. *m* GYMN.
Shaw, C., Fr. *a* 1076 Chapel st.
Shaw, H. P., Sr. *a* 128 N.
Shearin, H. G., *g* 347 Orchard st.

Sheedy, G. F., Jr. *m* Bridgeport
Sheehan, F. W., Sr. *l* West Haven
Sheehan, P. J., Fr. *a* 361 WH.
Sheehan, W. J., Ass't. (p. 27) 383 Howard av.
Sheldon, F. M., Sr. *d* 24 E. D.
Sheldon, R., Jr. *s* 131 Grove st.
Shelton, H. W., Fr. *a* 112 N.
Shepard, W. K., Instr. (p. 29) 57 N. S. H.
Shepherd, G. R., Lecturer (p. 24) Hartford
Sheridan, S. S., *g* 519 Orange st.
Sherman, H. S., Jr. *a* 16 V.
Sherwood, F. A., Sr. *s* 82 Wall st.
Shields, T. M., Fr. *a* 64 High st.
Shipman, N., Lecturer (p. 23) Hartford
Shoenberger, E. R., Fr. *s* 409 Temple st.
Shoninger, A. H., *mus.* 385 Orange st.
Shuart, H. A., Jr. *s* 131 High st.
Sibley, J., Mid. *d* 93 W. D.
Sicher, D. F., Fr. *a* 535 P.
Sidenberg, J. W., Fr. *a* 250 York st.
Sidenberg, W. R., Jr. *a* 37 V.
Sierck, W. S., Jr. *s* 1 Hillhouse av.
Sikes, F. V., *f* 333 York st.
Sikes, O. L., Sr. *s* 117 Park st.
Silverman, J. L., Sr. *a* 579 P.
Silverman, M., Sr. *s* 82 Wall st.
Simonds, R. M., Jr. *a* 329 W.
Sincerbeaux, F. H., Jr. *a* 257 L.
Skene, J. A., *mus.* 15 Lake pl.
Skidmore, L. P., *f* W. D.
Skidmore, M. B., *mus.* Bridgeport
Skiff, N. M., Sr. *a* 66 W. D.
Skiff, S. E., 2 *m* 341 Crown st.
Skinner, E. L., Jr. *a* 298 W.
Slade, M., Mid. *l* 120 York st.
Slade, W. S., Fr. *a* 562 P.
Sladen, F. J., Jr. *a* 348 WH.
Slaght, W. E. A., Mid. *d* 26 E. D.
Smith, A. A., Jr. *a* 8 V.
Smith, A. E., Sr. *a* 17 Hillhouse av.
Smith, B. C., *g* A.
Smith, Bayard M., Sr. *s* 111 Grove st.
Smith, Brockholst M., So. *a* 22 College st.
Smith, C. E., Fr. *a* 573 P.
Smith, C. H., Prof. (pp. 17, 89, 232) (243 L.) 284 Orange st.
Smith, C. W., Jr. *a* 142 F.
Smith, Daniel S., Sr. *s* 128 High st.
Smith, David S., *mus.* 731 Elm st.
Smith, E. M., Fr. *s* 110 Wall st.
Smith, E. W., Sr. *a* 321 W.
Smith, G. A., So. *a* 96 S. M.
Smith, G. M., Sr. *a* 368 WH.
Smith, H. E., Prof. (p. 19) (25 Med. School) 430 George st.
Smith, H. F., Jr. *d* 42 E. D.
Smith, H. W., Jr. *a* 271 L.
Smith, J. R., *g* Whitneyville
Smith, J. S., Librarian (p. 15) (LIBR.) 257 St. Ronan st.
Smith, J. T., Sr. *l* 66 Putnam st.
Smith, J. V., 1 *m* 66 Putnam st.
Smith, K., Jr. *a* 391 B.
Smith, L., Fr. *a* 568 P.
Smith, M. L. K., Fr. *s* 405 Temple st.
Smith, P. F., Prof. (pp. 21, 282) (21 S. H.) 318 Humphrey st.
Smith, P. L., Jr. *s* 47 Lake pl.
Smith, R. S., So. *a* 94 S. M.
Smith, S. I., Prof. (p. 17, 119, 275) (78 B. L.) 147 Whalley av.
Smith, S. L., Jr. *a* 290 W.
Smith, W. B. W., So. *a* 143 F.
Smith, W. F., Fr. *a* 219 York st.
Smitley, R. L., Fr. *a* 250 York st.
Smyth, N., Fellow New Haven
Sneath, E. H., Prof. (pp. 20, 221) 285 Whitney av.
Snell, C. H., Fr. *a* 248 York st.
Snow, N. L., Jr. *s* 1 Hillhouse av.
Solo y Bobadilla, L. de, Jr. *l* 364 George st.
Somers, L. H., So. *a* 145 F.
Somerset, C. W., 1 *m* 113 Howe st.
Sooysmith, K. C., Ft. *s* 122 Wall st.
Soper, W. B., Fr. *a* 595 P.
Spaenkuch, A., *f* 170 Commerce st.
Spalding, E. B., Fr. *s* 9 High st.
Spalding, K., Jr. *a* 69 V.
Spalding, W. A., Demonstrator (p. 26) 9 High st.
Spear, F. M., Jr. *a* 233 D.
Spearman, H. K., Jr. *d* 114 W. D.
Speer, H., *g* 67 W. D.
Spencer, A. L., Fr. *a* 420 B.
Spencer, G. P., Fr. *s* 110 Wall st.
Spencer, R. S., Sr. *a* 13 V.
Spencer, R. V., Sr. *a* 420 B.
Spencer, W. B., Fr. *a* 333 York st.

Sperry, F. N., Ass't. (p. 27) 76 Wooster st.
Sperry, L. P., Jr. *s* 117 Wall st.
Spier, L. M., Sr. *a* 19 V.
Spier, S. L., 2 *m* 89 Park st.
Spinello, M. J., *g* Paris, France
Spitzer, L. S., Jr. *a* 25 V.
Spraker, J. S., Jr. *l* 110 Wall st.
Sprenkle, W. H., *g* Orange
Sprigg, C. C., Sr. *s* 110 Wall st.
Squier, F., Jr., Fr. *a* 576 P.
Squire, R. A., Fr. *a* 80 S. M.
Staaf, O. E., *g* 88 Prospect st.
Standish, F. B., 2 *m* 78 Dwight st.
Stanford, E. J., Jr. *l* 45 Clark st.
Stanley, E., Jr. *s* 131 High st.
Stanley, M. L., *mus* Waterbury
Stapleton, R. P., Sr. *l* 83 Elm st.
Starkweather, G. P., Ass't. Prof. (p. 22) 344 Cedar st.
Stauffer, F. R., So. *a* 166 F.
Steadman, W. G., 1 *m* 297 Crown st.
Stearns, R., Jr. *s* 145 College st.
Stearns, T. C., Instr. (pp. 21, 224) Westport
Stebbins, E. A., Jr. *a* 298 W.
Stebbins, H. H., Jr., Fr. *a* 567 P.
Steele, A. F. S., Fr. *a* 105 Park st.
Steele, P., Jr. *a* 398 B.
Stephanove, C. D., *g* 266 York st.
Stephens, B. M., Fr. *s* 110 Wall st.
Stephens, R. E., Fr. *s* 8 Prospect pl.
Stephenson, G. G., Jr., Fr. *s* 419 Temple st.
Stephenson, H. L., Jr. *s* 117 Wall st.
Stern, H. R., So. *a* 311 W.
Stern, M. A., Jr. *a* 304 W.
Stetson, P. R., Sr. *m* 38 Jewell st.
Stevens, G. B., Prof. (pp. 18, 333) (12 E. D.) 388 Whitney av.
Stevens, H. G., Jr. *s* 90 Wall st.
Stevens, J. H., So. *a* 273 L.
Stevens, W. O., *g* 139 Dwight st.
Stevens, W. P. M., Fr. *a* 555 P.
Stevenson, J. McA., Jr., So. *a* 280 L.
Stewart, R. G. C., 1 *m* 217 York st.
Stickney, W. A., Sr. *a* 44 V.
Stillman, E. A., Spec. *s* 287 York st.
Stillman, G. S., Sr. *a* 320 W.
Stillman, R. G., So. *a* 210 D.
Stillman, W. M., Spec. *s* 133 College st.
Stock, G. C., *mus.* 175 Ellsworth av.
Stocking, J. T., Sr. *d* 27 E. D.
Stoddard, H. B., Jr. *a* 63 V.
Stoeckel, G. J., Prof. (p. 15) Norfolk
Stokes, A. P., Jr., Secretary (p. 13) (4 Phelps) 73 Elm st.
Stokes, W. W., Fr. *s* 393 Temple st.
Stoll, C. H., Jr., So. *a* 209 D.
Stone, C. E., *g* A.
Stone, E. C., Sr. *a* 394 B.
Stone, S. H., Jr. *a* 31 V.
Stookey, L. B., *g* 589 P.
Storrs, C. L., Sr. *d* 82 W. D.
Stottlemyer, F. L., *g* Mid. *d* 41 E. D.
Stowe, H. D., *g* 57 Grove st.
Straus, E. E., Sr. *a* 201 D.
Strauss, A. I., Fr. *a* 558 P.
Street, D. P., Jr. *s* 82 Wall st.
Streit, G., Sr. *m* S. Quinnipiac st.
Stromquist, K. E., *g* 59 Prospect st.
Strong, E. H., Fr. *s* 413 Temple st.
Strong, J. P., Accountant (p. 32) (5 TR.) 222 Sherman av.
Strong, L. P., Fr. *s* 133 College st.
Strong, P., Sr. *a* 3 V.
Strong, T. R., So. *a* 235 D.
Strouse, L. H., Jr. *l* 143 St. John st.
Struby, F. W., Sr. *a* 22 V.
Stubbs, S. G., Jr. *l* 119 Wall st.
Studwell, G. S., Jr., Fr. *a* 238 York st.
Sturges, R., Jr. *a* 32 V.
Sturgis, T., Jr., So. *a* 18 College st.
Stursberg, A. H. F., Fr. *s* 389 Temple st.
Sullivan, J. B., So. *a* 337 Columbus av.
Sullivan, J. M., Mid. *l* 83 Elm st.
Sulzberger, J. N., Jr. *l* 1151 Chapel st.
Sumner, W. G., Prof. (pp. 17, 82, 227) 140 Edwards st.
Sutphin, S. B., So. *a* 22 College st.
Swain, H. L., Prof. (p. 20) 232 York st.
Swain, R. E., *g* 103 Edgewood av.
Swan, J. R., Jr., Jr. *a* 310 W.
Sweeney, M., *g* 70 Howe st.
Sweet, J. E., Fr. *s* 124 Wall st.
Sweinhart, H. L., Jr. *a* 127 Dwight st.
Swenson, A. C., Jr. *m* 316 Crown st.
Swenson, J. N., Mid. *l* 137 Dwight st.
Sykes, G. E., So. *a* 22 College st.

Symington, W. C., Spec. *s* 124 Wall st.
Tabb, A. B., Jr. *l* 40 Lake pl.
Taber, J., Jr. *a* 141 F.
Taintor, J. S., Sr. *a* 346 WH.
Takaheshi, T., *g* 40 Lake pl.
Takeda, C. K., Grad. *d* 105 W. D.
Talbot, H. R., Spec. *s* 133 College st.
Talcott, C. D., Jr. *a* 414 B.
Talcott, L. H., Jr. *a* 158 F.
Talcott, M. G., Jr. *a* 158 F.
Talmage, J. F., *g* A.
Tarr, L. M., *g* 156 Whalley av.
Taylor, A. McL., Jr. *a* 337 WH.
Taylor, E. G., Ass't. (pp. 28, 99) 115 W. D.
Taylor, E. L., Jr., Sr. *s* 133 Wall st.
Taylor, H. C., So. *a* 202 D.
Taylor, W. H., So. *a* 122 N.
Taylor, W. J., *g* 133 Dixwell av.
Taylor, W. T., Jr. *s* 114 High st.
Taylor, W. W., *g* 22 College st.
Teel, B. G., Jr. *a* 156 F.
Telleen, J. M., *g* 149 St. John st.
Teller, H. B., Mid. *l* 159 York st.
Teller, W. R., Jr. *a* 24 V.
Temple, J. H., Jr., Jr. *l* 1151 Chapel st.
Tennant, G. B., *g* Hamden
Tenney, J. F., Jr. *a* 146 F.
Terriberry, W. K., So. *a* 210 D.
Terry, C. T., Sr. *a* 97 N.
Textor, L. E., *g* 72 Mansfield st.
Thacher, H. C., Jr. *a* 260 L.
Thacher, R. H., So. *a* 406 B.
Thacher, T., Lecturer (p. 24) 129 E. 35th st., N. Y. City
Thacher, T. D., Fr. *a* 248 York st.
Thayer, W. B., Jr., Fr. *s* 287 York st.
Thistleton, A. E., Sr. *d* 38 E. D.
Thomas, A. A., Sr. *a* 373 WH.
Thomas, C. A., Sr. *a* 58 W. D.
Thomas, E. B., Jr. *s* 117 Wall st.
Thomas, H. F., Fr. *a* 238 York st.
Thomas, J. B., Jr., So *a* 278 L.
Thomas, J. H., Sr. *a* 369 WH.
Thomas, L. H., Fr. *s* 117 Wall st.
Thomas, L. M., Sr. *a* 50 V.
Thompson, C. S., Jr. *a* 127 N.
Thompson, D., So. *a* 22 College st.
Thompson, D. P., Fr. *s* 419 Temple st.
Thompson, E. N. S., Ass't. (p. 30) 95 Whalley av.
Thompson, E. P., Sr. *a* 125 N.
Thompson, E. V., So. *a* 135 F.
Thompson, G. A., Ass't. (p. 29) 79 Clinton av.
Thompson, G. W., Jr. *l* 1151 Chapel st.
Thompson, H. D., Sr. *l* 157 Elm st.
Thompson, H. R., Jr. *l* 74 Lake pl.
Thompson, N. D., Jr., Fr. *s* 407 Temple st.
Thompson, P., Sr. *a* 100 N.
Thomson, G. J., So. *a* 168 F.
Thorn, C. J., *g* 333 York st.
Thorne, N. C., Jr. *a* 418 B.
Thorstenberg, E., *g* 59 Prospect st.
Thrasher, B. D., *f* 47 Salem st.
Tiernan, B., 1 *m* 487 Columbus av.
Tillinghast, R. B., Jr. *a* 294 W.
Tillitt, M. H., Sr. *a* 411 B.
Tillson, G. R., So. *a* 254 Crown st.
Tilson, J. Q., Steward (p. 32) 550 P.
Tinker, C. B., Ass't. (p. 30) 36 E. D.
Tobin, J. O., Jr. *l* 1151 Chapel st.
Tocher, C. E., Fr. *s* 74 W. D.
Todd, L. E., Fr. *a* Woodbridge
Tolles, B. I., Sr. *a* 364 Orchard st.
Tomlinson, J. C., Jr., Sr. *a* 14 V.
Tompkins, H. W., Jr. *a* 120 N.
Toothe, E. S., Sr. *s* 96 Wall st.
Torrance, D., Prof. (p. 16) Derby
Torrey, C. C., Prof. (p. 20) A.
Totten, L., *mus.* 396 Congress av.
Toumey, J. W., Ass't. Prof. (pp. 21, 118, 277, 314) 459 Prospect st.
Townsend, E. P., So. *a* 1076 Chapel st.
Townsend, J. M., Lecturer (pp. 24, 83) 318 W. 75th st., N. Y. City
Townsend, W. K., Prof. (pp. 17, 83, 231) 148 Grove st.
Townshend, H. H., Sr. *l* 234 Church st.
Townshend, R., 2 *m* 234 Church st.
Tracy, J. C., Instr. (p. 26) (131 WINCH.) 30 Beers st.
Treadwell, C. E., Fr. *a* 565 P.
Tredway, E. E., Sr. *a* 100 N.
Trench, W. I., Jr. *s* Grand av. Heights
Trenholm, A. LeS., So. *a* 1151 Chapel st.

Tripp, C. D., Fr. *s* 110 Wall st.
Troostwyk, I., Instr. (pp. 27, 126, 289) 367 Howard av.
Troup, P., Jr. *l* 545 Orange st.
Trowbridge, C. B., *g* West Haven
Trowbridge, M., Jr. *a* 248 L.
Troxel, T. N., Jr. *a* 7 V.
True, J. M., So. *a* 388 B.
Truett, E. P., So. *a* 224 D.
Trumbull, J. F., Jr. *s* 132 Wall st.
Trusdell, H. H., Fr. *a* 297 Crown st.
Tucker, C., Fr. *a* 161 F.
Tucker, R. DeF., *g* 419 Temple st.
Tucker, W. G., Jr., Jr. *a* 316 W.
Tuckerman, J., Sr. *a* Wallingford
Tuckey, E. N., *g* 16 York sq.
Tulin, A., So. *a* 87 S. M.
Tullidge, F. G., Jr., Fr. *a* 313 York st.
Tully, F. W., Mid. *l* 1151 Chapel st.
Turkington, C. H., Fr. *s* 332 Temple st.
Turley, T. F., Mid. *l* 1151 Chapel st.
Turner, J. A., Jr. *l* Bridgeport
Turney, L. F., Jr. *m* Derby
Tuttle, E. H., Sr. *a* 217 Mansfield st.
Tuttle, H. MacG., Fr. *a* 248 York st.
Tuttle, L., Sr. *a* 217 Mansfield st.
Tweedy, A., Fr. *s* 405 Temple st.
Twichell, B. P., Sr. *a* 178 LYC.
Twichell, J. H., Fellow Hartford
Twining, K., Jr., Sr. *a* 335 WH.
Tyler, C. H., Grad. *l* 64 Center st.
Tyler, L. S., Fr. *a* 33 College st.
Tyler, M. F., Treasurer (p. 13) (5 TR.) 33 College st.
Tyler, R. P., Sr. *a* 178 LYC.
Tyler, W. B., So. *a* 34 College st.
Ufford, M. M., *g* 57 Grove st.
Ulrich, A. S., Sr. *l* 381 Crown st.
Underhill, F. P., Ass't. (p. 30) 57 Prospect st.
Underwood, H. K., *g* 312 George st.
Updegraff, D. B., So. *a* 82 S. M.
Urban, G. P., Sr. *s* 82 Wall st.
Utley, F. B., So. *a* 176 F.
Vaile, E. O., Jr., Sr. *a* 374 WH.
Vaile, L. F., Fr. *s* 119 Wall st.
Valentine, J. A., Jr. *a* 384 B.
Van Buren, A. W., *g* 261 Orange st.
Vance, C. E., Fr. *s* Ansonia
Vanderbilt, R. C., Jr. *a* 31 V.
VanderPoel, S. O., Jr., So. *a* 22 College st.
VanDeventer, H. B., So. *a* 22 College st.
VanDyke, D., So. *a* 22 College st.
VanKirk, C. H., Fr. *s* 393 Temple st.
VanName, A., Librarian, (p. 16) (LIBR.) 121 High st.
VanName, R. G., Ass't. (p. 30) 121 High st.
VanNatta, A. Z., Fr. *s* 397 Temple st.
VanTassel, E. S., So. *a* 251 Crown st.
VanVechten, F. R., Jr. *s* 17 Hillhouse av.
VanWicklen, F. M., Sr. *a* 21 V.
Vauthier, L. P. F., Jr. *d* 98 W. D.
Vedder, H. L., Fr. *s* 397 Temple st.
Verdi, W. F., Ass't. (p. 27) 172 St. John st.
Verrill, A. E., Prof. (pp. 16, 274, 315) (15 M.) 86 Whalley av.
Verrill, C. S., Jr. *l* 86 Whalley av.
Verrill, L. L., *f* 86 Whalley av.
Viele, D., Jr. *a* 330 W.
Vietor, G. F., Jr., Fr. *a* 248 York st.
Vincent, L., Fr. *s* 419 Temple st.
von Dorster, H. R., Spec. *l* 1044 Chapel st.
Waddell, C. J., So. *a* 1151 Chapel st.
Waddell, L. D., Sr. *s* 131 Grove st.
Wade, J. A., Sr. *d* 87 W. D.
Wade, J. H., Jr., Sr. *s* 133 College st.
Wadhams, R. P., Jr. *s* 117 Wall st.
Wadsworth, C. S., Spec. *l* Middletown
Wadsworth, J. T., Sr. *a* 20 V.
Wagner, C. P., *g* Paris, France
Wahlig, F. J., Sr. *s* Shelton
Wainwright, R. B., 1 *m* 86 Broadway
Wait, J. R., So. *a* 135 F.
Wait, W. B., Fr. *a* 250 York st.
Waite, E. G., Sr. *s* 114 High st.
Walcott, D. L., Sr. *a* 83 S. M.
Walden, P. T., Ass't. Prof. (p. 22) 162 S. L.
Waldron, W. D., So. *a* 134 F.
Wales, H. W., Fr. *s* 425 Temple st.
Walker, C. H., Ass't. (p. 30) (124 W. D.) 97 Whitney av.
Walker, E. M., *g* 162 York st.
Walker, J. H., Jr. *a* 338 WH.
Walker, R. W., So. *a* 174 F.
Walker, W. B., So. *a* 223 D.

Wallace, H. M., So. *a* 226 D.
Wallace, H. S., Sr. *a* 178 LYC.
Wallace, W. F., So. *a* 131 F.
Wallace, W. S., *mus.* Springfield
Wallbridge, W. K., Jr. *s* 117 Wall st.
Wallin, J. E. W., *g* 97 William st.
Walsh, R. W., Sr. *a* 319 W.
Walton, F. E., Fr. *a* 238 York st.
Walton, L. F., Jr. *a* 212 D.
Ward, A. G., *g* 128 High st.
Ward, F. A., Fr. *s* 139 College st.
Ward, G. B., Jr. *a* 353 WH.
Ward, H. E., Sr. *a* 379 WH.
Ward, S. D., So. *a* 1076 Chapel st.
Wardwell, S. E., Fr. *a* 231 York st.
Waring, A. J., So. *a* 407 B.
Warmcastle, K. W., Fr. *a* 231 York st.
Warmoth, F. S., Sr. *s* 131 Grove st.
Warner, A. W., So. *a* 65 W. D.
Warner, E. G., 2 *m* Hamden
Warner, G. P., So. *a* 250 Crown st.
Warner, I. H., So. *a* 98 N.
Warren, B. M., Fr. *a* 552 P.
Warren, F. M., Prof. (p. 19) A.
Warren, W. H., Sr. *a* 239 D.
Warrin, F. L., Jr., Fr. *a* 231 York st.
Warrin, R. H., Jr. *s* 118 College st.
Warrin, R. O., Sr. *s* 82 Wall st.
Washington, C. M., *g* 1151 Chapel st.
Washington, G. A., 2d, So. *a* 22 College st.
Wasson, K., Fr. *s* 391 Temple st.
Waterman, C. B., Sr. *a* 1 V.
Waters, H. G., Jr. *a* 51 V.
Waters, J. L., Fr. *a* 250 York st.
Watrous, E., Mid. *l* 86 Wall st.
Watrous, G. D., Prof. (p. 19) (153 Church st.) 261 Bradley st.
Watson, C. L., Jr. *s* 114 High st.
Watson, E. P., Jr. *l* 1151 Chapel st.
Watson, G. A., Fr. *s* 114 High st.
Watson, G. H., Fr. *a* 94 Olive st.
Wattles, W. P., Sr. *a* 375 WH.
Wayland, F., Dean (p. 15) (Hendrie Hall) 175 Whitney av.
Wear, A. Y., Jr. *a* 46 V.
Wear, J. H., Sr. *a* 340 WH.
Weaver, H. A., *g* A.
Webb, A. M., Sr. *a* 379 WH.
Webb, J. H., Instr. (p. 24) 42 Church st.
Weber, W., *g* 336 George st.
Webster, B., So. *a* 87 S. M.
Webster, E. F., So. *a* 136 Sherman av.
Webster, F. G., Fr. *s* 333 York st.
Weeks, C. E., Jr. *l* Bridgeport
Weeks, H. T., Jr., Sr. *a* 301 W.
Weir, J. F., Prof. (pp. 16, 287) (9 Art School) 58 Trumbull st.
Welch, A. R., Sr. *s* 77 Wall st.
Welch, B. A., Jr. *a* 380 WH.
Welch, G. A., Sr. *a* 336 WH.
Welch, H. L., Ass't. (p. 28) 44 College st.
Welch, M. C., *g* Hartford
Welch, P. H., Jr. *a* 316 W.
Weller, C. H., *g* A.
Welles, A. T., Sr. *s* 372 George st.
Welles, C. W., Fr. *a* 124 Wall st.
Welles, P. B., Fr. *a* 1076 Chapel st.
Wells, B., Sr. *s* 82 Wall st.
Wells, C. W., Instr. (p. 23) (15 WH.) 203 Lawrence st.
Wells, F. A., *mus.* Wallingford
Wells, H. F., Jr. *a* 334 WH.
Wells, H. L., Prof. (pp. 19, 270) (151 S. L.) 57 Trumbull st.
Wells, P. P., Librarian (p. 25) (32 Hendrie Hall) 72 Mansfield st.
Wells, R. O., Sr. *a* 247 L.
Wells, S. C., Fr. *a* 1076 Chapel st.
Welsh, G. W., Fr. *a* 226 York st.
Welsh, J. J., Jr. *a* 123 N.
Welton, P. M., 1 *m* 1142 Chapel st.
Wenck, F. A., Spec. *l* 1044 Chapel st.
Wenner, G. U., So. *a* 1044 Chapel st.
Wescott, E. P., So. *a* 263 L.
Wescott, H. D., Sr. *a* 263 L.
Wessel, H. A., Jr., Jr. *a* 334 WH.
Westfall, W. D. A., Sr. *a* 302 W.
Weston, S. A., *g* 333 York st.
Weston, W. B., So. *a* 224 D.
Wetmore, A. H., *f* Winsted, Conn.
Wetzel, J. W., *g*, Res. Lic. *d* 409 George st.
Weymouth, C. A., Sr. *s* 1151 Chapel st.
Whaples, H. H., Sr. *a* 321 W.
Wheeler, Albert S., Instr. (p. 23) Box 1298, New Haven
Wheeler, Arthur M., Prof. (pp. 15, 87, 232) (207 D.) 86 Trumbull st.
Wheeler, Arthur S., Jr. *a* 86 Trumbull st.

Wheeler, F. M., Sr. *a* 375 WH.
Wheeler, H. L., Ass't. Prof. (pp. 21, 270) 15 S. L.
Wheeler, L. P., Ass't. (p. 27) 333 York st.
Wheeler, W. F., Spec. *l* 119 Wall st.
Whipple, E. R., Fr. *a* 1151 Chapel st.
Whitbeck, L. F., Fr. *s* 120 College st.
Whitcomb, A. M., *mus.* 5 Gilbert av.
Whitcomb, E. R., So. *a* 22 College st.
White, C. D., Jr. *a* 405 B.
White, C. T., Sr. *a* 25 High st.
White, D., Sr. *s* 133 Wall st.
White, G. B., *g* 120 College st.
White, G. L., Jr., Sr. *a* 308 W.
White, H. H., Fr. *s* 118 College st.
White, H. S., So. *a* 151 F.
White, J. E., Spec. *s* 22 College st.
White, J. R., So. *a* 22 College st.
White, O. W., Sr. *a* 17 V.
White, P. G., Jr. *a* 5 V.
White, R. H., Mid. *d* 102 W. D.
White, R. S., Mid. *l* 196 Lawrence st.
White, W. O., So. *a* 22 College st.
Whitely, M. J., Sr. *s* 17 Hillhouse av.
Whiting, S., *f* 345 Whitney av.
Whiting, W. E., Fr. *a* 333 York st.
Whitmore, J., *g* 147 Bradley st.
Whitmore, P. A., Fr. *a* 16 Beers st.
Whitney, J. L., Sr. *a* 354 WH.
Whitney, L., Fr. *s* 111 Grove st.
Whitney, M. P., *g* 227 Church st.
Whittelsey, D. I., Sr. *s* 131 Grove st.
Whittlesey, F. A., Jr. *a* 405 B.
Whittlesey, M. H., *mus.* 309 Edgewood av.
Whittlesey, W. S., Fr. *a* 92 S. M.
Wiard, O. M., Sr. *a* 104 N.
Wick, A. T., Fr. *s* 111 Grove st.
Wickenden, T. L., Fr. *s* 8 Prospect pl.
Wickersham, J. H., Sr. *s* 77 Wall st.
Wickwire, T. H., Jr., So. *a* 415 B.
Wieland, G. R., *g* M.
Wiggin, F. H., Jr., Fr. *a* 250 York st.
Wilcox, C. S., *mus.* Morris Cove
Wild, J. G., Sr. *s* 88 Wall st.
Wilde, T. E., So. *a* 523 P.
Wilder, A. P., Jr. *s* 111 Grove st.
Wilder, F. L., Mid. *l* Bridgeport
Wiley, H. E., Jr. *l* 250 York st.
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Williams, M. C., Spec. *s* 10 Ashmun st.
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Winthrop, B., Fellow 44 Pine st., N. Y. City
Wittstein, A., Fr. *a* 200 York st.
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